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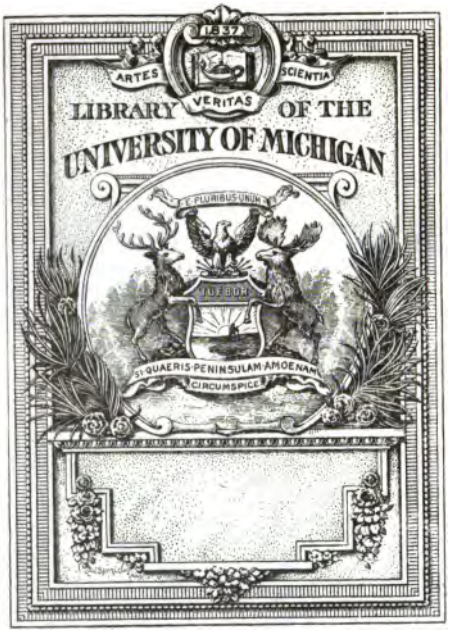
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THE

AMERICAN ALMANAC

AND

REPOSITORY

OF

USEFUL KNOWLEDGE,

FOR THE YEAR

1846.

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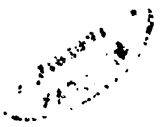

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PREFACE.

THE astronomical calculations for this volume of the American Almanac, which is the seventeenth since the commencement of the work, have been made by Mr. PEIRCE, *Perkins Professor of Astronomy* in Harvard University, and it is believed that they will be found as full and accurate as usual. The list of officers of the General Government and the Individual States, and the particulars respecting the Judiciary, the finances, and the statistics of the country, have been collected from official sources down to the latest date, and condensed and arranged with great care and labor. A complete list is given of the members of the next Congress, and an abstract of the laws passed at the last session. The register of colleges, of the theological, medical, and law schools, and the statistics of the religious denominations have been carefully revised and enlarged, and will be found complete enough for all ordinary purposes of reference. In can hardly be expected that a work embracing such a multitude of particulars should be found entirely free from errors; but by the kindness of the officers of government, and of numerous contributors from every part of the United States, the liability to mistake is greatly diminished, and the successive volumes of the work, it is hoped, improve in point of accuracy and completeness. The best thanks of the editor are due to these gentlemen, and a continuation of their kindness is respectfully requested. Communications from any person, tending to the correction of errors, or the furnishing of additional information, will be gladly received and acknowledged. The notices of distinguished persons in this country deceased during the past year have been compiled with much care, and furnish the only full obituary record that is published in the United States.

Under the head of the Individual States, the subjects of pauperism and crime have received particular attention. Unfortunately, but few of the States collect any statistical information upon these important subjects; and only from Massachusetts, Rhode Island, New York, New Jersey, Pennsylvania, Delaware, and Virginia, could returns be obtained of sufficient extent and value to deserve publication. Persons who may be able to procure corresponding information from any other State will confer a

favor by forwarding it to the editor to be inserted in a subsequent volume. An article on the comparative ages of our white, free colored, and slave population contains some novel and curious calculations and results, founded upon the two last censuses taken in this country and in England A view of the plan adopted in Massachusetts for a complete registry of births, marriages and deaths, presents some interesting facts, and offers an excellent model for imitation in the other States. Another novel article presents some extraordinary statistics respecting private munificence for charitable objects in one of the great cities of the Union; and it is hoped that, in the course of another year, similar information may be collected in other quarters. The chapters upon the new State of Florida and upon Texas, contain pretty copious details respecting these new accessions to the brotherhood of States. A great amount of original matter will be found embodied in other portions of the work, which will be of use to the politician and the merchant, and for purposes of general reference. Grateful for the liberal patronage of the work in former years, the editor presents this volume to the public in the hope that it will be found to merit as kind a reception as was obtained by its predecessors.

Cambridge, Mass.,
October 1, 1845.

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THE

AMERICAN ALMANAC,

FOR

1846.

PART I.

THE

AMERICAN ALMANAC,

FOR THE YEAR

1846,

Being the latter part of the 70th, and the beginning of the 71st, year of the Independence of the United States of America;

" the 6559th year of the Julian Period;

" the latter part of the 5606th and the beginning of the 5607th, year since the creation of the world, according to the Jews;

" the 2599th year (according to Varro) since the foundation of Rome;

" the 2593d year since the era of Nabonassar, which has been assigned to Wednesday, the 26th of February of the 3967th year of the Julian Period, which corresponds, according to the chronologists, to the 747th, and, according to the astronomers, to the 746th year, before the birth of Christ;

" the 2622d year of the Olympiads, or the second year of the 656th Olympiad, beginning in July, 1846, if we fix the era of the Olympiads at 775½ years before Christ, or at or about the beginning of July of the year 3938 of the Julian Period;

" the latter part of the 1262nd, and the beginning of the 1263d year (of twelve lunations) since the Hegira, or flight of Mahomet, which, as is generally supposed, took place on the 16th of July, in the year 622 of the Christian era.

I. THE CALENDAR
AND CELESTIAL PHENOMENA FOR THE YEAR.

SIGNS OF THE PLANETS, &c.

☉ The Sun.	♂ Mars.	⚳ Ceres.
⊕ The Earth.	⚶ Vesta.	♃ Jupiter.
☽ ○ ☾ The Moon.	⚵ Juno.	♄ Saturn.
☿ Mercury.	⚴ Pallas.	♅ Herschel or Uranus.
♀ Venus.		✳ A fixed star.

☌ Conjunction, or having the same Longitude or Right Ascension.
□ Quadrature, or differing 90° in " " "
☍ Opposition, or " 180° in " " "
☊ The ascending, ☋ the descending node.

The sign + is prefixed to the latitude, or declination, of the Sun, or other heavenly body, when *north*, and the sign — when *south*; but the former prefixed to the hourly motion of the Moon in latitude, indicates that she is approaching, and the latter that she is receding from, the *north* pole of the ecliptic.

The letters *M. A.*, *m. a.*, denote *Morning* and *Afternoon*.

CHRONOLOGICAL CYCLES.

Dominical Letter,	D.	Solar Cycle,	7
Epact	3	Roman Indiction,	4
Lunar Cycle, or Golden Number,	4	Julian Period,	6559

SIGNS OF THE ZODIAC.

Spring signs.	1. ♈ Aries.	Autumn signs.	7. ♎ Libra.
	2. ♉ Taurus.		8. ♏ Scorpio.
	3. ♊ Gemini.		9. ♐ Sagittarius.
Summer signs.	4. ♋ Cancer.	Winter signs.	10. ♑ Capricornus.
	5. ♌ Leo.		11. ♒ Aquarius.
	6. ♍ Virgo.		12. ♓ Pisces.

BEGINNING AND LENGTH OF THE SEASONS.

			h.	m.	s.	
Sun enters ♑	(Winter begins)	1845, Dec. 21st,	5	18	54 A.	M. Time at Wash'ton.
" " ♈	(Spring "	1846, March 20th,	6	37	49 A.	
" " ♋	(Summer "	" June 21st,	3	22	35 A.	
" " ♎	(Autumn "	" Sept. 23d,	5	23	22 M.	
" " ♑	(Winter "	" Dec. 21st,	11	4	30 A.	

	d.	h.	m.	s.
Sun in the Winter Signs	89	1	18	55
" " Spring	92	20	44	46
" " Summer	93	14	0	47
" " Autumn	89	17	41	8
" north of Equator, (Spring and Summer)	186	10	45	33
" south of " (Winter and Autumn)	178	19	0	3
Length of the tropical year, commencing at the winter solstice, 1845, and terminating at the winter solstice, 1846,	365	5	45	36
Mean or average length of the tropical year,	365	5	48	48

MOVABLE FESTIVALS OF THE CHURCH, IN 1846.

Septuagesima Sunday,		Feb. 9th	Rogation Sunday,		May 17th
Quinq. or Shrove do.		" 22d	Ascen. Day, or Holy Th.		" 21st
Ash Wed. Lent begins,		" 25th	Whitsunday or Pentecost,		" 31st
Mid Lent Sunday,		Mar. 1st	Trinity Sunday,		June 7th
Palm	do	Apr. 5th	Corpus Christi Day,	}	" 11th
Easter	do	" 12th	Fête Dieu,	}	
Low	do	" 19th	Advent Sunday,		Nov. 29th

JEWISH CALENDAR.

[The anniversaries marked with an asterisk (*) are to be strictly observed.]

Year.	Names of the Months.		
5606	Thebet begins	Dec. 30,	1845.
"	" 10th Fast for the Siege of Jerusalem	Jan. 8,	1846.
"	Sebat begins	Jan. 28,	"
"	Adar begins	Feb. 27,	"
"	" 11th Fast of Esther	Mar. 9,	"
"	" 14th *Purim	" 12,	"
"	" 15th Schuscan Purim	" 13,	"
"	Nisan begins	28,	"
"	" 15th *Beginning of the Passover	Apr. 12,	"
"	" 16th *Second Feast, or Morrow of the Passover	" 12,	"
"	" 21st *Seventh Feast	" 17,	"
"	" 22d *End of the Passover	" 18,	"
"	Ijar begins	" 27,	"
"	" 18th Lag Beomer	May 14,	"
"	Sivan begins	" 26,	"
"	" 6th *Feast of Weeks or Pentecost	" 31,	"
"	" 7th *Second Feast	June 1,	"
"	Thammus begins	" 25,	"
"	" 17th Fast for the taking of the Temple	July 11,	"
"	Ab begins	" 24,	"
"	" 9th *Fast for the burning of the Temple	Aug. 9,	"
"	Elul begins	" 23,	"
5607	Tisri begins *Feast for the New Year	Sept. 21,	"
"	" 2d *Second Feast for the New Year	" 22,	"
"	" 4th Fast of Gedaljah,	" 24,	"
"	" 10th *Fast of the Reconciliation or Atonement	" 30,	"
"	" 15th *Feast of the Huts or Tabernacles	Oct. 5,	"

Year.	Names of the Months.			
5607	Tisri	16th	*Second Feast of the Huts	Oct. 6, 1846.
"	"	21st	Feast of Palms or Branches	" 11, "
"	"	22d	*End of the Hut, or Congregation Feast	" 12, "
"	"	23d	*Rejoicing for the discovery of the Law	" 13, "
"	Marchesvan begins			" 21, "
"	Chisleu begins			Nov. 19 "
"	"	25th	Consecration of the Temple	Dec. 13, "
"	Thebet begins			" 19, "
"	"	10th	Fast for the Siege of Jerusalem	" 28, "
"	Sebat begins			Jan. 17, 1847.

The Jewish year generally contains 354 days, or 12 lunations of the Moon, but, in a cycle of 19 years, an intercalary month (Veadar) is 7 times introduced, for the purpose of rendering the average duration of the year quite or nearly correct.

MAHOMETAN CALENDAR.

Year.	Names of the Months.			
1261	Muharrem begins			Dec. 30, 1845.
"	Saphar	"		Jan. 30, 1846.
"	Rabia I.	"		Feb. 28, "
"	Rabia II.	"		Mar. 30, "
"	Jomadhi I.	"		April 28, "
"	Jomadhi II.	"		May 28, "
"	Redjeb	"		June 26, "
"	Chaban	"		July 26, "
"	Ramadan	"	(Month of Fasting)	Aug. 24, "
"	Schewall	"	(Bairam)	Sept. 23, "
"	Dsu'l-kadah	"		Oct. 22, "
"	Dsu'l-hejjah	"		Nov. 21, "
1262	Muharrem	"		Dec. 20, "

The Mahometan Era dates from the flight of Mahomet to Medina, July 16th, A. D. 622.

The Mahometan year is purely lunar; it consists of 12 synodical periods of the Moon, or of 354 days, 19 times in a cycle of 30 years, and 11 times of 355 days. The average length of this year is therefore $354\frac{11}{30}$ days, which differs only *thirty-three seconds* from the truth; a degree of exactness that only could have been attained by a long series of observations. But as no allowance is made for the excess of 11 days in the length of a tropical year over the time of 12 revolutions of the Moon, it is obvious that in about 33 years, the above months will correspond to every season and every part of the Gregorian year.

HEIGHT OF THE GREATEST OR SPRING TIDES IN 1846.

Computed by the formula of Laplace (*Mécanique Céleste*, Vol. II. pp. 289 *Paris ed., and* [2858] *Bowd. ed.*)

New or Full Moon.			d.	h.		Height of the tide.
Full	Moon,	Jan.	12,	9	M.	0.80
New	"		27,	4	M.	1.11
Full	"	Feb.	11,	4	M.	0.84
New	"		25,	2	A.	1.13
Full	"	March	12,	10	A.	0.91
New	"		27,	1	M.	1.08
Full	"	April	11,	1	A.	0.94
New	"		25,	0	A.	0.97
Full	"	May	11,	1	M.	0.94
New	"		25,	0	M.	0.85
Full	"	June	9,	10	M.	0.95
New	"		23,	1	A.	0.79
Full	Moon,	July	8,	6	A.	1.02
New	"		23,	3	M.	0.79
Full	"	Aug.	7,	1	M.	1.10
New	"		21,	6	A.	0.85
Full	"	Sept.	5,	8	M.	1 09
New	"		20,	10	M.	0.88
Full	"	Oct.	4,	5	A.	1.12
New	"		20,	3	M.	0.90
Full	"	Nov.	3,	4	M.	1.01
New	"		18,	6	A.	0.91
Full	"	Dec.	2,	6	A.	0.89
New	"		18,	8	M.	0.95

The unit of altitude at any place is the height at that place of that tide which arrives *about a day and a half* after the time of New or Full Moon, when the Sun and Moon at the moment of conjunction or opposition are at their mean distance from the Earth, and in the plane of the celestial equator.

This unit of altitude, which must be derived from observation for each place, multiplied by the quantities in the above table, gives the height of the spring tides at that place during the present year.

By the above table it appears, that the highest tides of 1846 will be those of January 28, February 27, March 28, August 7, September 5, and October 4.

The actual rise of the tide, however, depends so much upon the strength and direction of the wind, that it not unfrequently happens that a tide, which would, independently of these, have been small, is higher than another, otherwise much greater. But when a tide, which arrives when the Sun and Moon are in a favorable position for producing a great elevation, is still further increased by a very strong wind, the rise of the water will be uncommonly great, sufficient perhaps to cause damage.

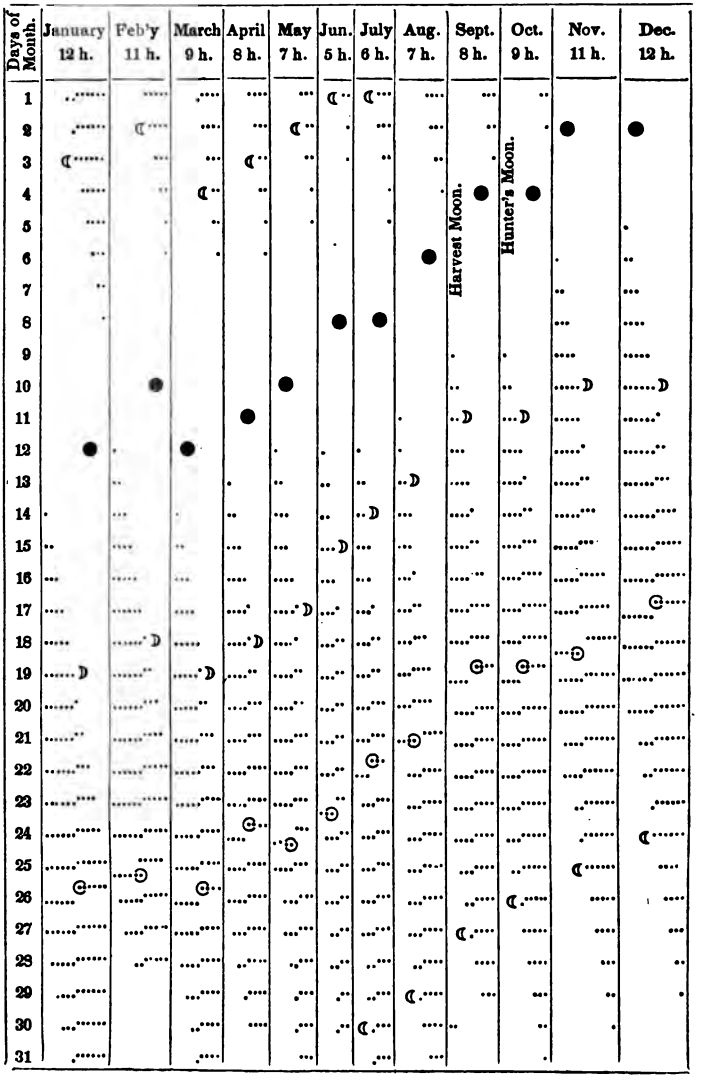
The formula, from which these tides were computed, is, however, strictly true only for Brest and its vicinity, and must be regarded as a very uncertain approximation for the coast of the United States.

DARKNESS OF THE NIGHTS DURING THE YEAR 1846.

For Boston, New York, Philadelphia, Washington, &c.

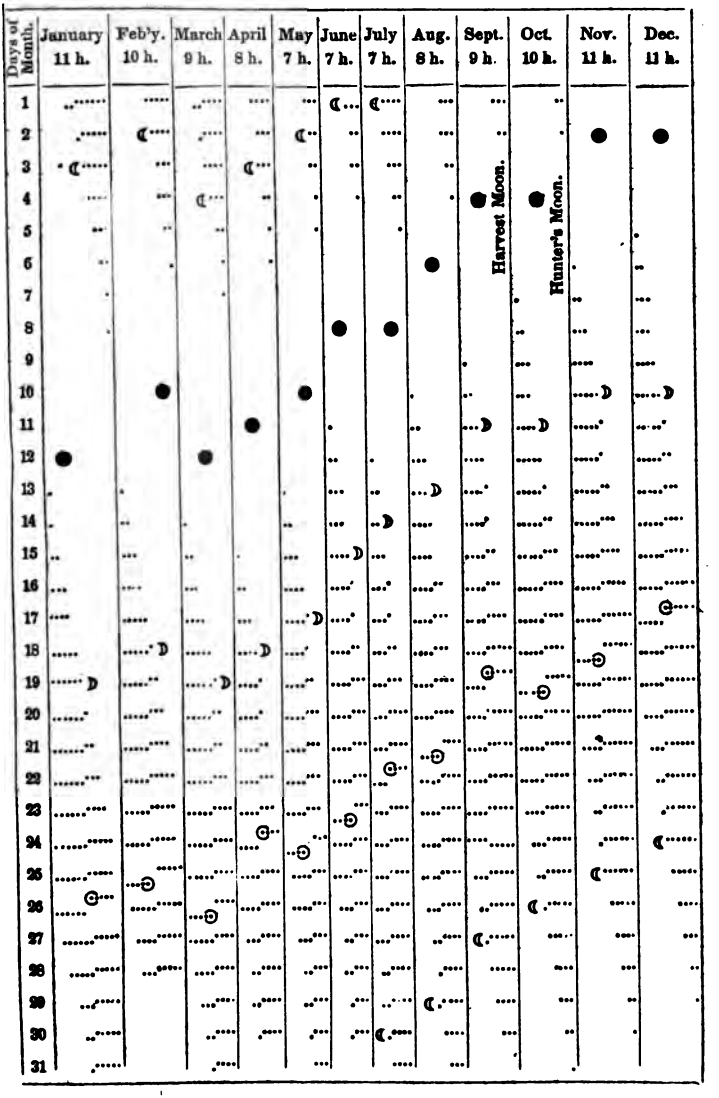
The number of hours at the top of the page denotes the average time for the month from the end of evening twilight to the beginning of morning twilight.

The dots in the table denote the hours of entire darkness, when there is neither sun, moon, nor twilight; and their disposition denotes the hours before or after midnight.



DARKNESS OF THE NIGHTS DURING THE YEAR 1846.

For Charleston, New Orleans, &c.



Twilight begins and ends. Mean time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	5 48 m	6 20a	5 48 m	6 24a	5 48 m	6 29a	5 47 m	6 35a	5 44 m	6 42a
N. York,	5 46	6 22	5 46	6 26	5 46	6 31	5 45	6 37	5 42	6 44
Wash.	5 43	6 25	5 44	6 29	5 44	6 34	5 43	6 39	5 41	6 45
Charles.	5 35	6 33	5 36	6 37	5 37	6 41	5 36	6 46	5 35	6 51
N. Orl's,	5 31	6 37	5 33	6 40	5 34	6 44	5 33	6 49	5 32	6 54

APOGEE AND PERIGEE OF THE MOON.

Apogee, 13th day, 2h. M. | Perigee, 26th day, 10h. A.

PHASES OF THE MOON.

First Quarter, 4th day, 9h. 17.2m M. | Last Quarter, 20th day, 10h. 43.8m. M.
Full Moon, 12th " 8 53.4 M. | New Moon, 27th " 4 14.9 M.

Sun's *upper* limb rises and sets, (corr. for refract.) M. T. | High Water. M. Time.

Days of Month.	Days of Week.	Boston, &c. rises.	Boston, &c. sets.	New York, &c. rises.	New York, &c. sets.	Wash'ton, &c. rises.	Wash'ton, &c. sets.	Charleston, &c. rises.	Charleston, &c. sets.	N. Orleans, &c. rises.	N. Orleans, &c. sets.	Boston, &c.	New York, &c.	Charleston, &c.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	Th.	7 30	4 38	7 25	4 43	7 19	4 49	7 3	5 5	6 56	5 12	2 1a	11 41m	10 1m
2	F.	30	39	25	44	19	50	3	6	56	13	2 49	0 29a	10 49
3	S.	30	40	25	45	19	51	3	7	57	13	3 37	1 17	11 37
4	*Su.*	7 30	4 41	7 25	4 46	7 19	4 52	7 3	5 7	6 57	5 14	4 23a	2 3a	0 23a
5	M.	30	42	25	47	19	52	3	8	57	15	5 16	2 56	1 16
6	Tu.	29	43	25	48	19	53	4	9	57	15	6 23	4 3	2 23
7	W.	29	44	25	49	19	54	4	10	57	16	7 33	5 13	3 33
8	Th.	29	45	24	50	19	55	4	11	57	17	8 51	6 31	4 51
9	F.	29	46	24	51	19	56	4	12	57	18	9 52	7 32	5 52
10	S.	29	47	24	52	19	57	4	12	57	19	10 41	8 21	6 41
11	*Su.*	7 29	4 48	7 24	4 53	7 19	4 58	7 3	5 13	6 57	5 19	11 23a	9 3a	7 23a
12	M.	28	50	23	54	18	59	3	14	57	20	· · ·	9 40	8 0
13	Tu.	28	51	23	55	18	5 0	3	15	57	21	0 0m	10 15	8 35
14	W.	28	52	23	56	18	1	3	16	57	22	0 35	10 46	9 6
15	Th.	27	53	22	57	18	2	3	17	57	23	1 6	11 18	9 38
16	F.	27	54	22	59	17	3	3	18	57	24	1 38	11 50	10 10
17	S.	26	55	21	5 0	17	5	2	19	57	25	2 10	· · ·	10 43
18	*Su.*	7 26	4 56	7 21	5 1	7 16	5 6	7 2	5 20	6 56	5 25	2 43m	0 23m	11 16a
19	M.	25	58	21	2	16	7	2	21	56	26	3 16	0 56	11 54
20	Tu.	24	59	20	3	15	8	2	21	56	27	3 54	1 34	· · ·
21	W.	24	5 0	19	4	15	9	1	22	56	28	4 39	2 19	0 39m
22	Th.	23	1	19	5	14	10	1	23	55	29	5 36	3 16	1 36
23	F.	22	3	18	7	14	11	0	24	55	30	6 53	4 33	2 53
24	S.	22	4	17	8	13	12	0	25	55	31	8 13	5 53	4 13
25	*Su.*	7 21	5 5	7 17	5 9	7 12	5 13	7 0	5 26	6 54	5 31	9 29m	7 9m	5 29m
26	M.	20	6	16	10	12	15	6 59	27	54	32	10 29	8 9	6 29
27	Tu.	19	8	15	11	11	16	58	28	53	33	11 21	9 1	7 21
28	W.	18	9	14	13	10	17	58	29	53	34	0 11a	9 51	8 11
29	Th.	17	10	13	14	9	18	57	30	52	35	0 59	10 39	8 59
30	F.	16	12	12	15	8	19	57	31	52	36	1 43	11 23	9 43
31	S.	15	13	12	16	8	20	56	32	51	37	2 27	0 7 a	10 27

Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′
☿	11 15m	−20 14	10 41m	−20 28	10 28m	−21 20	10 27m	−22 13	10 34m	−22 41
♀	3 17a	−12 57	3 13a	−10 24	3 6a	− 7 51	2 57a	− 5 23	2 45a	− 3 3
♂	5 40	+ 2 40	5 30	+ 4 16	5 20	+ 5 52	5 11	+ 7 26	5 1	+ 8 59
♃	9 22	+16 3	8 56	+16 17	8 31	+16 35	8 6	+16 55	7 43	+17 17
♄	7 54m	− 8 32	7 36m	− 8 42	7 18m	− 8 49	7 0m	− 8 52	6 42m	− 8 52
♅	2 22a	− 3 4	2 6a	− 3 2	1 50a	− 2 57	1 34a	− 2 49	1 18a	− 2 38
♆	4 5	−17 33	3 46	−16 37	3 32	−15 40	3 16	−14 42	3 0	−13 43
☽	7 12	+10 40	6 49	+10 46	6 27	+10 55	6 5	+11 5	5 43	+11 18
☊	2 34	−16 50	2 13	−16 38	1 52	−16 26	1 31	−16 14	1 11	−16 1
☋	5 40	+ 1 56	5 17	+ 1 59	4 54	+ 2 2	4 31	+ 2 6	4 8	+ 2 11

Days of Month.	Moon South. Mean Time.	Moon rises or sets. Mean time. Boston, &c.	N. York, &c.	Wash'n, &c.	Cha'ston, &c.	N. Orl's, &c.	PHENOMENA AND OBSERVATIONS.
							Sundays and Holidays.
	h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	Washington Mean Time. d. h. m. ° ′
1	3 39a	9 36a	9 37a	9 39a	9 42a	9 45a	1 2 45a. ♂ in ♌
2	4 31	10 53	10 53	10 52	10 53	10 54	1 5 36a. ☉ in Perigee.
3	5 21	11 56	11 54	11 53	11 49	11 50	1 7 11a. ☌ ♂ ♅, ♅ 0 46 S.
S.	6 9a	. . .	. . .	. . .	. . .	. . .	*2d Sunday after Christmas.*
5	6 57	1 1m	0 59m	0 58m	0 51m	0 49m	3 11 40m. ☿ gr. Hel. Lat. N.
6	7 46	2 3	2 0	1 58	1 49	1 46	*Epiphany.*
7	8 34	3 5	3 2	2 58	2 46	2 42	3 10 50a. ☌ ♅ ☾, ♅ 4 4 S.
8	9 23	4 1	3 57	3 54	3 39	3 36	4 1 11m. ☌ ♂ ☾, ♂ 3 9 S.
9	10 12	4 56	4 51	4 47	4 33	4 29	5 6 28a. ☌ ♃ ☾, ♃ 2 28 S.
10	11 1	5 45	5 40	5 36	5 21	5 18	7 4 18m. ☿ stationary.
S.	11 48a	*rises.*	*rises.*	*rises.*	*rises.*	*rises.*	*1st Sund. after Epiphany.*
12	☌	5 19a	5 23a	5 28a	5 39a	5 46a	8 4 57m. ☿ in ♑
13	0 34m	6 16	6 20	6 23	6 33	6 38	8 5 33m. ☌ ☿ σ ♒ ✱ 1 18 S.
14	1 19	7 14	7 16	7 19	7 26	7 30	12 6 35a. ☌ ☿ ♀ ♎ ✱ 1 59 S.
15	2 2	8 12	8 14	8 16	8 20	8 23	14 8 45a. ☌ ♂ ε ♐ ✱ 0 53 N.
16	2 45	9 11	9 11	9 11	9 14	9 15	15 5 43m. ☌ ☿ μ¹ ♑ ✱ 0 32 N.
17	3 27	10 9	10 9	10 10	10 8	10 8	16 6 52m. ☌ ☿ ♀ λ ♒, ✱ 1 39 S.
S.	4 10m	11 9a	11 9a	11 8a	11 3a	11 3a	*2d Sunday after Epiphany.*
19	4 55	. . .	. . .	. . .	. . .	11 59	16 3 52a. ☌ ☿ ♄, ☿ 13 27 N.
20	5 42	0 12m	0 9m	0 7m	0 1m	. . .	17 4 50m. ☌ ♂ e ♐, ✱ 1 57 S.
21	6 33	1 16	1 13	1 11	1 1	0 58m	17 0 21a. ☌ ☿ ♎, ✱ 0 58 N.
22	7 27	2 22	2 18	2 14	2 2	1 59	18 9 44m. ☿ gr. elong. 24 12 W.
23	8 24	3 26	3 22	3 18	3 5	3 0	20 11 9m. ♎ Stationary.
24	9 24	4 29	4 24	4 21	4 6	4 2	22 5 11m. ♊ ☽ ☉
S.	10 25m	5 27m	5 23m	5 19m	5 6m	5 1m	*3d Sunday after Epiphany.*
26	11 27	*sets.*	*sets.*	*sets.*	*sets.*	*sets.*	25 1 56a. ☌ ☿ ☾, ☿ 4 9 S.
27	0 27a	5 55a	5 59a	6 2a	6 10a	6 15a	26 11 57m. ☿ at greatest brill.
28	1 24	7 12	7 13	7 16	7 21	7 24	26 11 42a. ☿ in ♓
29	2 18	8 26	8 28	8 28	8 29	8 31	28 3 18m. ☌ ♄ ☾, ♄ 6 21 S.
30	3 11	9 38	9 37	9 38	9 35	9 35	29 9 17a. ☌ ☿ ☾, ☿ 0 31 S.
31	4 2	10 46	10 46	10 44	10 38	10 38	31 8 8m. ☌ ♅ ☾, ♅ 3 44 S.

Twilight begins and ends. Mean time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	5 38 m.	6 50a.	5 32 m.	6 56a.	5 26 m.	7 3a.	5 18 m.	7 10a.	5 9 m.	7 17a.
N. York,	5 37	6 51	5 31	6 57	5 25	7 4	5 18	7 10	5 10	7 16
Wash.	5 36	6 52	5 31	6 58	5 25	7 4	5 18	7 10	5 10	7 16
Charles.	5 31	6 57	5 27	7 1	5 23	7 6	5 17	7 11	5 10	7 16
N. Orl's.	5 29	6 59	5 25	7 3	5 21	7 8	5 16	7 12	5 11	7 15

APOGEE AND PERIGEE OF THE MOON.

Apogee, 9th day, 4h. M. | Perigee, 24th day, 9h. M.

PHASES OF THE MOON.

First Quarter, 3d day, 0h. 3.1m. M. | Last Quarter, 19th day, 11h. 35 6m. A.
Full Moon, 11th " 4h. 4.0m. M. | New Moon, 25th " 2 23.8 A.

Days of Month.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.								High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises. h. m.	*sets.* h. m.	*rises.* h. m.	*sets.* h. m.	*rises.* h. m.	*sets.* h. m.	*rises.* h. m.	*sets.* h. m.	*rises.* h. m.	*sets.* h. m.	h. m.	h. m.	h. m.
1	*Su.*	7 14	5 14	7 11	5 18	7 7	5 21	6 55	5 33	6 51	5 38	3 9a	0 49a	11 9m
2	M.	13	15	10	19	6	23	55	34	50	38	3 53	1 33	11 53
3	Tu.	12	17	9	20	5	24	54	34	49	39	4 38	2 18	0 38a
4	W.	11	18	7	21	4	25	53	35	49	40	5 31	3 11	1 31
5	Th.	10	19	6	22	3	26	52	36	48	41	6 47	4 27	2 47
6	F.	9	21	5	23	2	27	52	37	47	41	8 9	5 49	4 9
7	S.	8	22	4	25	1	28	51	38	47	42	9 26	7 6	5 27
8	*Su.*	7 6	5 23	7 3	5 26	7 0	5 29	6 50	5 39	6 46	5 43	10 23a	8 3a	6 23a
9	M.	5	24	2	27	6 59	30	49	40	45	44	11 5	8 45	7 5
10	Tu.	4	25	1	28	58	32	48	41	44	45	11 43	9 23	7 43
11	W.	2	26	0	30	57	33	47	42	44	46	· · ·	9 54	8 14
12	Th.	1	28	6 58	31	55	34	47	43	43	46	0 14m	10 26	8 46
13	F.	0	29	57	32	54	35	46	44	42	47	0 46	10 55	9 15
14	S.	6 59	30	56	34	53	36	45	45	41	48	1 15	11 26	9 36
15	*Su.*	6 57	5 32	6 55	5 35	6 52	5 38	6 44	5 46	6 40	5 49	1 36m	11 57a	10 17a
16	M.	56	33	53	36	51	39	43	47	39	50	2 17	· · ·	10 50
17	Tu.	54	35	52	37	49	40	42	48	38	51	2 50	0 30m	11 26
18	W.	53	36	51	39	48	41	41	48	38	52	3 26	1 6	· · ·
19	Th.	52	38	49	40	47	42	40	49	37	52	4 9	1 49	0 9m
20	F.	50	39	48	41	46	44	39	50	36	53	5 1	2 41	1 1
21	S.	48	40	46	43	44	45	37	51	35	54	6 19	3 59	2 19
22	*Su.*	6 47	5 42	6 45	5 44	6 43	5 46	6 36	5 52	6 34	5 55	7 47m	5 27m	3 47m
23	M.	46	43	44	45	42	47	35	53	33	56	9 12	6 52	5 12
24	Tu.	44	45	42	46	40	48	34	54	32	57	10 16	7 56	6 16
25	W.	42	46	41	48	38	49	33	55	31	57	11 7	8 47	7 7
26	Th.	41	47	39	49	37	51	32	56	30	58	11 54	9 34	7 54
27	F.	39	49	38	50	36	52	31	57	28	59	0 39a	10 19	8 39
28	S.	38	50	37	51	34	53	30	58	27	6 0	1 21	11 1	9 21

Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′
☉	10 48m	−22 26	11 1m	−21 26	11 17m	−19 38	11 33m	−17 1	11 49m	−13 35
☿	2 26a	− 0 39	2 5a	+ 0 59	1 39a	+ 2 4	1 7a	+ 2 26	0 31a	+ 2 1
♀	4 51	+10 45	4 42	+12 12	4 33	+13 37	4 24	+14 58	4 16	+16 15
♂	7 17	+17 45	6 56	+18 10	6 36	+18 37	6 17	+19 4	5 59	+19 32
♃	6 20m	− 8 47	6 0m	− 8 39	5 40m	− 8 26	5 19m	− 8 10	6 57m	− 7 49
♄	0 59a	− 2 21	0 44a	− 2 6	0 28a	− 1 47	0 12a	− 1 28	11 56m	− 1 6
♅	2 42	−12 33	2 26	−11 33	2 11	−10 32	1 55	− 9 31	1 40a	− 8 29
♆	5 18	+11 36	4 58	+11 53	4 37	+12 11	4 17	+12 31	3 57	+12 52
☊	0 46	−15 45	0 26	−15 31	0 5	−15 18	11 44m	−15 4	11 23m	−14 51
⚳	3 41	+ 2 17	3 19	+ 2 23	2 56	+ 2 29	2 34a	+ 2 36	2 11a	+ 2 43

Moon rises or sets. Mean time.

Days of Month.	Moon Souths. Mean Time.	Boston, &c.	N. York, &c.	Wash'n, &c.	Cha'ston, &c.	N. Orl's, &c.
	h. m.	*sets.* h. m.	*sets.* h. m.	*sets* h. m.	*sets.* h. m.	*sets.* h. m.
S.	4 52a	11 52a	11 50a	11 48a	11 46a	11 37a
2	5 42	. . .	. . .	. . .	. . .	.
3	6 31	0 55m	0 53m	0 49m	0 38m	0 35m
4	7 20	1 55	1 51	1 47	1 34	1 31
5	8 9	2 51	2 46	2 43	2 28	2 24
6	8 58	3 41	3 37	3 33	3 18	3 14
7	9 45	4 27	4 22	4 18	4 4	4 1
S.	10 32a	5 7m	5 3m	4 59m	4 47m	4 43m
9	11 16	5 43	5 41	5 37	5 26	5 23
10	☽	*rises.*	*rises.*	*rises*	*rises.*	*rises.*
11	0 1m	6 5a	6 7a	5 9a	6 14a	6 17a
12	0 44	7 3	7 5	7 6	7 9	7 11
13	1 27	8 3	8 3	8 4	8 3	8 4
14	2 10	9 3	9 3	9 1	8 58	8 58
S.	2 54m	10 4a	10 2a	10 0a	9 54a	9 53a
16	3 40	11 7	11 4	11 2	10 53	10 50
17	4 28	. . .	. . .	. . .	11 52	11 49
18	5 19	0 9m	0 6m	0 3m	. . .	. . .
19	6 13	1 12	1 8	1 4	0 51m	0 48m
20	7 10	2 14	2 10	2 6	1 52	1 48
21	8 8	3 12	3 7	3 4	2 50	2 45
S.	9 8m	4 5m	4 1m	3 57m	3 44m	3 41m
23	10 7	4 51	4 49	4 45	4 35	4 32
24	11 5	*sets.*	*sets.*	*sets*	*sets.*	*sets.*
25	0 1a	5 59a	5 0a	6 1a	6 4a	6 8a
26	0 55	7 12	7 13	7 13	7 13	7 14
27	1 48	8 24	8 23	8 23	8 19	8 20
28	2 40	9 33	9 31	9 29	9 23	9 21

PHENOMENA AND OBSERVATIONS.

Sundays and Holidays.

Washington Mean Time.

d. h. m.

4th Sunday after Epiphany.

1 4 2a. ☌ ♂ ☾ ♂ 0 48 S.
2 5 2m. ☌ ♊ ☾ ♊ 1 51 S.
4 4 51a. ☿ gr. Hel. Lat. N.
5 1 4a. □ ☿ ☉
6 3 21m. ☿ in Aphelion.
7 10 56m. ☿ stationary.

Septuagesima Sunday.

7 2 52a. ☌ ☿ ♒ ✱ 0 11 S.
10 6 22m. ☌ ♄ ☉
10 2 52a. ☿ in Perihelion.
16 0 2m. ☌ ♂ ♊ ♂ 1 50 N.
19 0 52m. ☌ ♊ δ1 ♉ ✱ 1 49 S.
21 6 50m. ☌ ☿ ♄ ☿ 1 4 S.

Sexagesima Sunday.

22 3 52m. ☌ ♊ δ3 ♉ ✱ 1 40 S.
24 0 52m. ☌ ☿ ☉
24 7 56a. ☌ ♄ ☾ ♄ 6 20 S.
25 0 5m. □ ♊ ☉
25 6 26m. ☌ ☿ ☾ ☿ 7 14 S.
25 5 8a. ☌ ♊ 6 ♉ ✱ 0 41 S.

Shrove Sun. Wash'n b. 1732.

26 0 12m. ☌ ♀ ☾ ♀ 4 45 N.
26 1 50a. ☿ gr. Hel. Lat. S.

Ash Wednesday.

26 6 1a. ☌ ☿ ♀ ☿ 11 41 S.
27 0 57m. ☌ ♂ π ☍ ✱ 0 18 N
27 8 17a. ☌ ♅ ☾ ♅ 3 25 S.

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	5 3m	7 23a	4 53m	7 29a	4 43m	7 37a	4 32m	7 45a	4 20m	7 52a
N. York,	5 4	7 22	4 54	7 28	4 44	7 35	4 34	7 42	4 23	7 49
Wash.	5 5	7 21	4 55	7 27	4 46	7 34	4 36	7 40	4 26	7 46
Charles.	5 7	7 19	4 59	7 24	4 51	7 29	4 43	7 33	4 34	7 38
N. Orl's.	5 7	7 19	5 0	7 23	4 53	7 27	4 45	7 31	4 37	7 35

APOGEE AND PERIGEE OF THE MOON.

Apogee, 8th day, 2h. A. | Perigee, 24th day, 2h. A.

PHASES OF THE MOON.

First Quarter, 4th day, 5h. 23.8m. A. | Last Quarter, 20th day, 8h. 49.8m. M.
Full Moon, 12th " 9h. 40.8m. A. | New Moon, 27th " 0h. 42.4m. M.

Days of Month.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.								High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*			
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	*Su.*	6 36	5 51	6 35	5 53	6 33	5 54	6 28	5 59	6 26	6 1	2 3a	11 43m	10 3m
2	M.	35	52	34	53	32	55	27	59	25	1	2 41	0 21a	10 41
3	Tu.	33	53	32	54	30	56	26	6 0	24	2	3 19	0 59	11 19
4	W.	31	54	30	55	29	57	25	0	23	2	4 3	1 43	0 3a
5	Th.	30	55	29	56	27	57	23	1	22	3	4 51	2 31	0 51
6	F.	28	56	27	57	26	58	22	1	21	3	6 1	3 41	2 1
7	S.	26	57	25	57	24	59	21	2	20	4	7 25	5 5	3 25
8	*Su.*	6 25	5 58	6 24	5 59	6 23	6 0	6 20	6 3	6 19	6 4	8 46a	6 26a	4 46a
9	M.	23	59	22	6 0	21	1	19	3	17	4	9 52	7 32	5 52
10	Tu.	21	6 0	20	1	20	2	17	4	16	5	10 35	8 15	6 35
11	W.	20	2	19	2	18	3	16	5	15	6	11 15	8 55	7 15
12	Th.	18	3	17	3	17	4	15	6	14	6	11 47	9 27	7 47
13	F.	16	4	16	4	15	5	13	6	13	7	. . .	9 58	8 18
14	S.	14	5	14	5	13	6	12	7	12	8	0 18m	10 27	8 47
15	*Su.*	6 13	6 6	6 12	6 7	6 12	6 7	6 11	6 8	6 10	6 8	0 47m	10 59a	9 19a
16	M.	11	7	11	8	10	8	10	9	9	9	1 19	11 32	9 52
17	Tu.	9	9	9	9	9	9	8	9	8	10	1 52	. . .	10 27
18	W.	7	10	7	10	7	10	7	10	7	10	2 27	0 7m	11 5
19	Th.	6	11	6	11	6	11	6	11	6	11	3 5	0 45	11 50
20	F.	4	12	4	12	4	12	4	12	4	11	3 50	1 30	. . .
21	S.	2	13	2	13	3	13	3	12	3	12	4 45	2 25	0 45m
22	*Su.*	6 0	6 14	6 1	6 14	6 1	6 14	6 1	6 13	6 2	6 13	6 0m	3 40m	2 0m
23	M.	5 59	15	5 59	15	5 59	15	5 59	14	1	13	7 32	5 12	3 32
24	Tu.	57	17	58	16	58	16	58	14	5 59	14	8 55	6 35	4 55
25	W.	55	18	56	17	56	17	57	15	58	14	9 59	7 39	5 59
26	Th.	53	19	54	18	54	18	56	16	57	15	10 50	8 30	6 50
27	F.	52	20	52	19	53	19	55	16	56	16	11 33	9 13	7 33
28	S.	50	21	51	20	51	19	54	17	55	16	0 16a	9 56	8 16
29	*Su.*	5 48	6 22	5 49	6 21	5 50	6 20	5 52	6 18	5 53	6 17	0 57a	10 37m	8 57m
30	M.	46	23	47	22	48	21	51	19	52	17	1 37	11 17	9 37
31	Tu	45	24	46	23	47	22	50	19	51	18	2 15	11 55	10 15

Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec. ° ′	*Souths.* h. m.	Dec. °	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′
☿	0 1a	−10 43	0 19a	− 6 0	0 38a	− 0 35	0 55a	+ 5 2	1 8a	+10 6
♀	0 7	+ 1 20	11 29m	− 0 9	10 56m	− 1 49	10 28m	− 3 22	10 5m	− 4 33
♂	4 10	+17 4	4 2a	+18 13	3 54a	+19 19	3 47a	+20 18	3 39a	+21 12
♃	5 46	+19 50	5 29	+20 19	5 12	+20 46	4 56	+21 12	4 40	+21 37
☉	4 43m	− 7 35	4 20m	− 7 9	3 56m	− 6 38	3 32m	− 6 5	3 7m	− 5 28
☽	11 46	− 0 52	11 30	− 0 28	11 15	− 0 4	10 59	+ 0 20	10 43	+ 0 46
♅	1 30a	− 7 49	1 15a	− 6 49	0 59a	− 5 48	0 45a	− 4 48	0 30a	− 3 48
♆	3 45	+13 6	3 25	+13 29	3 6	+13 52	2 47	+14 15	2 28	+14 39
♄	11 9m	−14 42	10 49m	−14 28	10 28m	−14 15	10 7m	−14 3	9 46m	−13 51
♇	1 56a	+ 2 48	1 34a	+ 2 55	1 11a	+ 3 3	0 49a	+ 3 11	0 27a	+ 3 19

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean Time. Boston, &c.	N. York, &c.	Wash'n, &c.	Cha'ston, &c.	N. Orl'ns, &c.
	h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.
S.	3 32a	10 40a	10 38a	10 35a	10 25a	10 22a
2	4 23	11 43	11 40	11 36	11 24	11 20
3	5 14	· · ·	· · ·	· · ·	· · ·	· · ·
4	6 4	0 41m	0 37m	0 32m	0 19m	0 16m
5	6 53	1 34	1 31	1 26	1 11	1 8
6	7 41	2 22	2 19	2 13	2 0	1 56
7	8 28	3 5	3 1	2 57	2 44	2 40
S.	9 13a	3 43m	3 39m	3 36m	3 24m	3 21m
9	9 58	4 16	4 13	4 11	4 2	3 59
10	10 41	4 47	4 45	4 42	4 36	4 34
11	11 25	*rises.*	*rises.*	*rises.*	*rises.*	*rises.*
12	☌	5 56a	5 56a	5 56a	5 57a	5 59a
13	0 8m	6 55	6 54	6 54	6 52	6 52
14	0 53	7 57	7 56	7 54	7 49	7 49
S.	1 38m	9 0a	8 57a	8 56a	8 48a	8 45a
16	2 26	10 3	10 0	9 57	9 47	9 43
17	3 16	11 6	11 2	10 58	10 46	10 43
18	4 9	· · ·	· · ·	11 59	11 44	11 41
19	5 4	0 6m	0 2m	· · ·	· · ·	· · ·
20	6 1	1 5	1 0	0 57m	0 43m	0 38m
21	6 58	1 57	1 53	1 50	1 36	1 33
S.	7 55m	2 44m	2 41m	2 38m	2 26m	2 24m
23	8 51	3 28	3 25	3 23	3 14	3 11
24	9 46	4 5	4 4	4 2	3 57	3 56
25	10 40	4 41	4 40	4 41	4 38	4 38
26	11 33	*sets.*	*sets.*	*sets.*	*sets.*	*sets.*
27	0 26a	7 11a	7 9a	7 7a	7 2a	7 2a
28	1 19	8 19	8 16	8 14	8 6	8 4
S.	2 10a	9 25a	9 22a	9 19a	9 8a	9 5a
30	3 3	10 27	10 23	10 19	10 7	10 4
31	3 54	11 23	11 19	11 16	11 1	10 58

PHENOMENA AND OBSERVATIONS.

Sundays and Holidays.

Washington Mean Time.

d. h. m.

1 *st Sund. in Lent.* *St. David.*
1 9 3a. ☌ ☽☾ ☽ 1 5 S.
2 1 0m. ☌ ☿☿ ☿ 11 36 S.
2 9 31m. ☌ ♂☾ ♂ 1 28 N.
2 4 4a. ☿ in inf. ☌ ☉
5 7 38a. sup. ☌ ☿☉ ☿ 0 25 S.
7 5 27m. ☌ ♀☿ ♀ 0 25 S.
2d Sunday in Lent.
7 2 12a. ☌ ♂☌♈ ✶ 0 56 N.
10 3 56a. ♀ stationary.
17 0 45a. ☌ ☿♀ ☿ 8 18 N.
17 1 27a. ☿ in ♌
18 11 44m. ☌ ☿♅ ☿ 0 55 N.
21 1 39a. ♀ stationary.
3d Sunday in Lent.
22 3 2m. ☿ in Perihelion.
St. Patrick.
22 4 52a. ☌ ♀♅ ♀ 7 31 S.
24 10 42m. ☌ ♄☾ ♄ 6 24 S.
20 6 36a. ☉ ent. ♈. *Spr'g bg's.*
24 7 1a. ☌ ♀☾ ♀ 1 25 N.
4th Sund. in Lent.
27 8 35m. ☌ ♎i☿ ✶ 0 21 S.
27 9 14m. ☌ ♅☾ ♅ 3 13 S.
Lady Day.
27 10 21m. ☌ ♂A¹♉ ✶ 0 12 N.
28 9 44m. ☌ ☿☾ ☿ 1 10 N.
29 4 30a. ☌ ☽☾ ☽ 0 21 S.
5th Sunday in Lent.
30 6 21a. ☌ ♄ ✶ 0 56 S.
30 10 38a. ☌ ♀ ☉

Twilight begins and ends. Mean time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	4 7m.	7 1a.	3 55m.	8 9a.	3 43m.	8 18a.	3 31m.	8 27a.	3 19m.	8 37a
N. York,	4 11	7 57	3 59	8 5	3 48	8 14	3 37	8 22	3 26	8 30
Wash.	4 15	7 53	4 4	8 1	3 53	8 9	3 43	8 17	3 33	8 25
Charles.	4 25	7 43	4 16	7 49	4 7	7 55	3 59	8 0	3 51	8 5
N. Orl's.	4 29	7 39	4 21	7 44	4 13	7 49	4 5	7 53	3 58	7 58

APOGEE AND PERIGEE OF THE MOON.

Apogee, 6th day, 8h. M. | Perigee, 20th day, 6 h. A.

PHASES OF THE MOON.

First Quarter, 3d day, 0h. 3.6m. A. | Last Quarter, 18th day, 3h. 16.3m. A.
Full Moon, 11th day, 0h. 46.8m. A. | New Moon, 26th day, 11h. 40.2m. M.

Days of Month.	Days of Week.	Sun's *upper* limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*			
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	W.	5 43	6 25	5 44	6 24	5 46	6 23	5 48	6 20	5 50	6 19	2 52a	0 32a	10 52m
2	Th.	41	27	42	26	44	24	47	21	49	19	3 34	1 14	11 24
3	F.	40	28	41	27	42	25	46	21	47	20	4 21	2 1	0 21a
4	S.	38	29	39	28	41	26	45	22	46	20	5 17	2 57	1 17
5	*Su.*	5 36	6 30	5 37	6 29	5 39	6 27	5 43	6 23	5 45	6 21	6 39a	4 19a	2 39a
6	M.	35	31	36	30	37	28	42	23	44	22	7 58	5 38	3 58
7	Tu.	33	32	34	31	36	29	41	24	43	22	9 6	6 46	5 6
8	W.	31	33	33	32	34	30	39	25	41	23	9 59	7 39	5 59
9	Th.	30	34	31	33	33	31	38	26	40	23	10 36	8 16	6 36
10	F.	28	36	30	34	31	32	37	26	39	24	11 11	8 51	7 11
11	S.	26	37	28	35	30	33	36	27	38	25	11 44	9 24	7 44
12	*Su.*	5 25	6 38	5 26	6 36	5 28	6 34	5 34	6 28	5 37	6 25	. . .	10 0a	8 20a
13	M.	23	39	25	37	27	35	33	28	36	26	0 20m	10 34	8 54
14	Tu.	21	40	23	38	25	36	32	29	35	26	0 54	11 10	9 30
15	W.	20	41	22	39	24	37	31	30	34	27	1 30	11 47	10 7
16	Th.	18	42	20	40	23	38	30	31	32	28	2 7	. . .	10 49
17	F.	16	43	19	41	21	39	28	31	31	28	2 49	0 29m	11 38
18	S.	15	45	17	42	20	40	27	32	30	29	3 38	1 16	. . .
19	*Su.*	5 13	6 46	5 16	6 43	5 18	6 41	5 26	6 33	5 29	6 29	4 39m	2 19m	0 39m
20	M.	12	47	15	44	17	42	25	33	28	30	5 54	3 34	1 54
21	Tu.	10	48	13	45	16	42	24	34	27	31	7 16	4 56	3 16
22	W.	9	49	11	46	14	43	23	35	26	31	8 33	6 13	4 33
23	Th.	7	50	10	47	13	44	21	36	25	32	9 34	7 14	5 34
24	F.	6	51	8	48	11	45	20	36	24	33	10 27	8 7	6 27
25	S.	4	52	7	49	10	46	19	37	23	33	11 12	8 52	7 12
26	*Su.*	5 3	6 53	5 6	6 50	5 9	6 47	5 18	6 38	5 22	6 34	11 55m	9 35m	7 55m
27	M.	1	55	4	51	8	48	17	38	21	34	0 34a	10 14	8 34
28	Tu.	0	56	3	52	6	49	16	39	20	35	1 13	10 53	9 13
29	W.	4 58	57	2	54	5	50	15	40	19	36	1 51	11 31	9 51
30	Th.	57	58	0	55	4	51	14	41	18	36	2 29	0 9a	10 29

Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′
☿	1 10a	+14 13	0 57a	+15 36	0 31a	+14 52	11 55m	+12 27	11 19m	+ 9 30
♀	9 45m	— 5 21	9 32m	— 5 30	9 22m	— 5 12	9 15	— 4 30	9 10	— 3 27
♂	3 31a	+22 8	3 24a	+22 50	3 16a	+23 25	3 9a	+23 53	3 2a	+24 15
♃	4 22	+22 4	4 7	+22 25	3 53	+22 46	3 39	+23 3	3 25	+23 18
♄	2 37m	— 4 45	2 10m	— 4 4	1 43m	— 3 25	1 15m	— 2 45	0 47m	— 2 7
♅	10 24	+ 1 14	10 8	+ 1 40	9 52	+ 2 6	9 36	+ 2 31	9 19	+ 2 55
♆	0 12a	— 2 39	11 57	— 1 40	11 42	— 0 43	11 27	— 0 13	11 12	— 1 9
☽	2 7	+15 8	1 48a	+15 32	1 30a	+15 56	1 12a	+16 20	0 54a	+16 44
☊	9 21m	—13 37	8 59m	—13 26	8 36m	—13 16	8 16m	—13 7	7 54m	—12 58
☋	0 0 a	+ 3 29	11 38	+ 3 37	11 16	+ 3 45	10 54	+ 3 53	10 31	+ 4 0

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean time. Boston, &c.	N. York, &c.	Wash'n, &c.	Cha'ston, &c.	N. Orl's, &c.	PHENOMENA AND OBSERVATIONS.
							Sundays and Holidays.
	h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	Washington Mean Time. d. h. m. ° ′
1	4 45a	· · ·	· · ·	· · ·	11 52a	11 48a	1 10 54m. ☿ gr. Hel. Lat. N.
2	5 34	0 14m	0 10m	0 6m	· · ·	· · ·	4 7 45m. ♂ ☌ ν¹ ♉ ✱ 0 0
3	6 22	1 0	0 54	0 51	0 38m	0 35m	7 4 23a. ♀ at gr. brilliancy.
4	7 8	1 40	1 36	1 32	1 20	1 16	8 11 9a. ☿ stationary.
S.	7 53a	2 15m	2 13m	2 9m	1 59m	1 56m	*Palm Sunday.*
6	8 37	2 48	2 45	2 43	2 36	2 34	
7	9 20	3 17	3 16	3 14	3 9	3 8	10 2 47m. ♂ ☌ τ ♉ ✱ 0 25 S.
8	10 4	3 46	3 45	3 45	3 42	3 42	12 11 5a. ♂ ☊ ο ♉ ✱ 0 56 S.
9	10 48	4 13	4 13	4 13	4 14	4 15	19 4 8m. Inf. ♂ ☿ ☉
10	11 34	*rises.*	*rises.*	*rises.*	*rises.*	*rises.*	Good Friday.
11	☾	6 49a	6 47a	6 45a	6 39a	6 37a	19 8 18m. ♂ ☊ ζ ♉ ✱ 1 59 S.
S.	0 21m	7 53a	7 50a	7 48a	7 39a	7 36a	*Easter Sunday.*
13	1 12	8 58	8 54	8 50	8 38	8 36	20 10 10a. ♂ ♄ ☾ ♄ 6 29 S.
14	2 4	10 0	9 56	9 52	9 39	9 35	22 4 3m. ♂ ♀ ☾ ♀ 3 15 S.
15	3 0	10 59	10 55	10 51	10 38	10 33	23 8 49a. ♂ ♍ ☾ ♍ 3 6 S.
16	3 56	11 54	11 49	11 45	11 32	11 29	24 7 4a. ♂ ☿ ☾ ☿ 1 5 S.
17	4 53	· · ·	· · ·	· · ·	· · ·	· · ·	24 10 59a. ☿ in ♉
18	5 50	0 43m	0 39m	0 35m	0 23m	0 21m	25 6 52m. ♂ ♀ ♐ ✱ 1 52 N.
S.	6 45m	1 26m	1 23m	1 21m	1 11m	1 8m	*Low Sunday.*
20	7 39	2 5	2 3	2 0	1 53	1 53	
21	8 32	2 40	2 39	2 38	2 35	2 34	26 3 14m. ♂ ☊ B ♉ ✱ 1 12 N.
22	9 23	3 13	3 13	3 13	3 13	3 14	26 1 3a. ♂ ♌ ☾ ♌ 0 19 N.
23	10 15	3 47	3 48	3 49	3 52	3 55	St. George.
24	11 6	*sets.*	*sets.*	*sets.*	*sets.*	*sets.*	27 11 11a. ♂ ☿ ♀ ☿ 6 57 N.
25	11 58	7 6a	7 4a	7 1a	6 51a	6 48a	Eclip. of Sun, vis. in U. S.
S.	0 50a	8 10a	8 7a	8 3a	7 51a	7 48a	*2d Sunday after Easter.*
27	1 42	9 11	9 6	9 2	8 49	8 46	28 10 17m. ☊ in ♌
28	2 34	10 4	10 0	9 56	9 42	9 38	29 2 4m. ♂ ☌ ☾ ♂ 4 55 N.
29	3 25	10 53	10 48	10 44	10 30	10 27	29 6 28a. ♀ in ♉
30	4 14	11 36	11 32	11 28	11 16	11 12	29 7 57a. ♂ ♀ ♀ ♀ 5 42 N.

Twilight begins and ends. Mean time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	3 7m	8 47a	2 56m	8 57a	2 45m	9 7a	2 35m	9 17a	2 25m	9 26a
N. York,	3 14	8 40	3 4	8 49	2 54	8 58	2 45	9 8	2 36	9 18
Wash.	3 22	8 32	3 13	8 40	3 4	8 48	2 55	8 57	2 47	9 7
Charles.	3 43	8 11	3 36	8 17	3 28	8 24	3 22	8 30	3 17	8 37
N. Orl's.	3 51	8 3	3 45	8 8	3 38	8 14	3 33	8 20	3 28	8 26

APOGEE AND PERIGEE OF THE MOON.

Apogee, 3d day, 3h. M. | Perigee, 15th day, 2h. A. | Apogee, 30th day, 10h. A.

PHASES OF THE MOON.

First Quarter, 3d day, 6h. 43.6m. M. | Last Quarter, 17th day, 8h. 18.5m. A.
Full Moon, 11th " 0h. 58.1m. M. | New Moon, 24th " 11h. 36.1m. A.

Days of Month.	Days of Week.	Sun's *upper* limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*			
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	F.	4 56	7 0	4 59	6 56	5 2	6 52	5 13	6 42	5 17	6 37	3 7a	0 47a	11 7m
2	S.	54	1	58	57	1	53	12	43	16	38	3 52	1 32	11 52
3	*Su.*	4 53	7 2	4 56	6 58	5 0	6 54	5 11	6 43	5 16	6 38	4 41a	2 21a	0 41a
4	M.	52	3	55	59	4 59	55	10	44	15	39	5 47	3 27	1 47
5	Tu.	50	4	54	7 0	58	56	9	45	14	40	7 0	4 40	3 0
6	W.	49	5	53	1	57	57	8	45	13	40	8 8	5 48	4 8
7	Th.	48	6	52	2	55	58	7	46	12	41	9 8	6 48	5 8
8	F.	47	7	51	3	54	59	7	47	12	42	9 54	7 34	5 54
9	S.	46	8	49	4	53	7 0	6	47	11	42	10 34	8 14	6 34
10	*Su.*	4 44	7 9	4 48	7 5	4 52	7 1	5 5	6 48	5 10	6 43	11 15a	8 55a	7 15a
11	M.	43	10	47	6	51	2	4	49	9	44	11 54	9 34	7 54
12	Tu.	42	11	46	7	50	2	3	49	9	44	· · ·	10 11	8 31
13	W.	41	12	45	8	49	3	2	50	8	45	0 31m	10 52	9 12
14	Th.	40	13	44	9	49	4	2	51	7	46	1 12	11 34	9 54
15	F.	39	14	43	10	48	5	1	51	7	46	1 54	· · ·	10 42
16	S.	38	15	42	11	47	6	0	52	6	47	2 42	0 22m	11 34
17	*Su.*	4 37	7 16	4 41	7 12	4 46	7 7	5 0	6 53	5 5	6 47	3 34m	1 14m	· · ·
18	M.	36	17	40	13	45	8	4 59	54	5	48	4 34	2 14	0 34m
19	Tu.	35	18	39	14	44	9	58	54	4	48	5 43	3 23	1 43
20	W.	34	19	39	15	43	10	58	55	4	49	6 56	4 36	2 56
21	Th.	33	20	38	16	43	10	57	55	3	50	8 5	5 45	4 5
22	F.	32	21	37	17	42	11	57	56	3	50	9 7	6 47	5 7
23	S.	31	22	36	18	41	12	56	57	2	51	10 2	7 42	6 2
24	*Su.*	4 31	7 23	4 36	7 19	4 41	7 13	4 56	6 57	5 2	6 51	10 53m	8 33m	6 53m
25	M.	30	24	35	20	40	14	55	58	1	52	11 37	9 17	7 37
26	Tu.	29	25	34	20	39	14	55	59	1	53	0 17a	9 57	8 17
27	W.	29	25	34	21	39	15	54	7 0	1	53	0 55	10 35	8 55
28	Th.	28	26	33	22	38	16	54	0	0	54	1 30	11 10	9 30
29	F.	27	27	32	23	38	17	54	1	0	54	2 8	11 48	10 8
30	S.	27	28	32	23	37	17	53	1	0	55	2 44	0 24a	10 44
31	*Su.*	4 26	7 29	4 31	7 24	4 37	7 18	4 53	7 2	4 59	6 55	3 25a	1 5a	11 25m

Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′
☿	10 51m	+ 7 23	10 38m	+ 6 42	10 22m	+ 7 27	10 20m	+ 9 21	10 24m	+12 6
♀	9 6	− 2 5	9 3	− 0 28	9 2	+ 1 21	9 1	+ 3 20	9 0	+ 5 25
♂	2 56a	+24 30	2 49a	+24 38	2 42a	+24 39	2 35a	+24 34	2 28a	+24 22
♃	3 11	+23 31	2 58	+23 41	2 45	+23 48	2 32	+23 52	2 19	+23 53
♄	0 19m	− 1 32	11 46	− 0 54	11 18	− 0 27	10 49	− 0 5	10 22	− 0 12
☉	9 3	+ 3 19	8 46m	+ 3 40	8 29m	+ 4 0	8 12m	+ 4 18	7 55m	+ 4 34
☾	10 57	+ 2 1	10 42	+ 2 54	10 27	+ 3 45	10 12	+ 4 34	9 57	+ 5 21
♈	0 36a	+17 7	0 21a	+17 30	0 0a	+17 52	11 43	+18 13	11 25	+18 34
♃	7 32m	−12 51	7 10m	−12 44	6 48m	−12 39	6 25	−12 35	6 2	−12 32
♅	10 8	+ 4 7	9 46	+ 4 14	9 23	+ 4 21	9 1	+ 4 27	8 38	+ 4 33

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean time. Boston, &c.	N. York, &c.	Wash'n, &c.	Che'ston, &c.	N. Orl's, &c.	PHENOMENA AND OBSERVATIONS.
							Sundays and Holidays.
	h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	Washington Mean Time. d. h. m. ° ′
1	5 1a	· · ·	· · ·	· · ·	11 56a	11 53a	1 11 43m. ☿ stationary.
2	5 47	0 13m	0 10m	0 7m	· · ·	· · ·	1 9 56a. ☋ ☉ intens. of lt. 0.230
S.	6 31a	0 47m	0 44m	0 42m	0 33m	0 31m	*3d Sunday after Easter.*
4	7 15	1 18	1 16	1 14	1 9	1 7	3 11 52a. ☌ ♂ B ☿ ✱ 0 3 S
5	7 58	1 49	1 49	1 47	1 42	1 42	5 1 18m ☌ ♊ H ☐ ✱ 0 21 S.
6	8 41	2 14	2 14	2 14	2 13	2 14	5 2 37m. ☿ in Aphelion.
7	9 26	2 41	2 43	2 43	2 46	2 48	9 10 9m. ☌ ♂ H ☐ ✱ 1 23 S.
8	10 13	3 11	3 13	3 15	3 20	3 22	11 6 12m. ☌ ♊ η ☐ ✱ 1 12 S.
9	11 2	*rises.*	*rises.*	*rises.*	*rises.*	*rises.*	11 11 11m. ♀ gr. elon. 46 1 W.
S.	11 55a	6 43a	6 41a	6 37a	6 26a	6 23a	*4th Sunday after Easter.*
11	☾	7 49	7 45	7 41	7 28	7 25	14 2 55a. ☌ ♅ ☉
12	0 51m	8 51	8 47	8 43	8 29	8 25	16 10 0m. ☌ ☿ ♀ ☿ 4 7 N.
13	1 48	9 49	9 45	9 41	9 28	9 23	16 6 52a. ☌ ♂ ♊ ♊ 0 47 S.
14	2 47	10 41	10 37	10 33	10 21	10 18	16 8 28a. ☿ gr. elon. 25 29 W.
15	3 45	11 26	11 24	11 20	11 10	11 7	18 6 26m. ☌ ♄ ☾ ♄ 6 29 S.
16	4 41	· · ·	· · ·	· · ·	11 55	11 53	19 9 54m. ☌ ♀ ♅ ♅ 1 7 N.
S.	5 36m	0 7m	0 4m	0 2m	· · ·	· · ·	*Rogation Sunday.*
18	6 23	0 42	0 42	0 40	0 36m	0 35m	21 5 55m. ☌ ♅ ☾ ♅ 2 58 S.
19	7 19	1 16	1 16	1 15	1 14	1 14	21 9 15m. ☌ ♀ ☾ ♀ 4 1 S.
20	8 10	1 48	1 48	1 50	1 51	1 53	21 0 54a. □ ♄ ☉
21	9 0	2 20	2 23	2 24	2 29	2 32	Ascension Day.
22	9 50	2 55	2 58	3 1	3 9	3 13	22 2 11a. ☌ ♀ *e* ♐ ✱ 0 24 N.
23	10 41	3 32	3 36	3 39	3 50	3 56	23 1 2m. ☌ ☿ ☾ ☿ 3 14 S.
S.	11 33m	*sets.*	*sets.*	*sets.*	*sets.*	*sets.*	*Sund. after Ascension.* ♀ Victoria born 1819.
25	0 25a	7 55a	7 51a	7 47a	7 32a	7 29a	23 3 12a. ☌ ♂ *s* ☐ ✱ 0 50 N.
26	1 16	8 46	8 42	8 38	8 24	8 20	24 8 56m. ☌ ♅ ☾ ♅ 0 56 N.
27	2 6	9 31	9 27	9 23	9 10	9 6	25 1 9a. ☿ gr. Hel. Lat. S.
28	2 54	10 11	10 8	10 4	9 52	9 48	27 1 37a. ☌ ♂ ☾ ♂ 5 55 N.
29	3 41	10 46	10 44	10 41	10 31	10 28	28 2 25m. ☌ ♀ *μ* ♐ ✱ 1 2 S.
30	4 26	11 18	11 15	11 13	11 6	11 4	31 9 0a. ☌ ♀ *o* ♐ ✱ 0 39 N.
S.	5 9a	11 47a	11 45a	11 44a	11 39a	11 39a	*Whit Sunday. Pentecost.*

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	2 17m	9 37m	2 12m	9 44 a	2 9m	9 50 a	2 8m	9 54a	2 9m	9 55a
N. York,	2 29	9 25	2 25	9 31	2 23	9 37	2 22	9 40	2 23	9 41
Wash.	2 41	9 13	2 37	9 19	2 36	9 24	2 35	9 27	2 36	9 28
Charles.	3 13	8 41	3 10	8 46	3 10	8 50	3 10	8 52	3 11	8 53
N. Orl's.	3 24	8 30	3 22	8 34	3 22	8 38	3 22	8 34	3 23	8 41

PERIGEE AND APOGEE OF THE MOON.

Perigee, 11th day, 8h. A. | Apogee, 27th day, 3h. A.

PHASES OF THE MOON

First Quarter, 2d day, 0h. 22.0m. M. | Last Quarter, 16th day, 1h. 29.8m. M.
Full Moon, 9th " 10h. 27.8m. M. | New Moon, 23d " 0h. 39.6m. A.

Days of Month.	Days of Week.	Sun's *upper* limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*			
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	M.	4 25	7 30	4 31	7 24	4 36	7 19	4 52	7 3	4 59	6 56	4 10a	1 50a	0 10a
2	Tu.	25	30	30	25	36	19	52	3	59	56	4 59	2 39	0 59
3	W.	25	31	30	26	36	20	52	4	59	57	6 2	3 42	2 2
4	Th.	24	32	30	26	35	21	52	4	59	57	7 6	4 46	3 6
5	F.	24	32	29	27	35	21	52	5	58	58	8 6	5 46	4 6
6	S.	24	33	29	28	35	22	51	5	58	58	9 8	6 48	5 8
7	*Su.*	4 23	7 34	4 29	7 28	4 34	7 23	4 51	7 6	4 58	6 59	9 58a	7 38a	5 58a
8	M.	23	34	29	29	34	23	51	6	58	59	10 45	8 25	6 45
9	Tu.	23	35	28	30	34	24	51	7	58	7 0	11 31	9 11	7 31
10	W.	23	36	28	30	34	24	51	7	58	0	· · ·	9 57	8 17
11	Th.	22	36	28	31	34	25	51	8	58	1	0 17m	10 40	9 0
12	F.	22	37	28	31	34	25	51	8	58	1	1 0	11 25	9 45
13	S.	22	37	28	32	34	26	51	8	58	1	1 45	· · ·	10 35
14	*Su.*	4 22	7 38	4 28	7 32	4 34	7 26	4 51	7 9	4 58	7 2	2 35m	0 15m	11 25a
15	M.	22	38	28	32	34	26	51	9	58	2	3 25	1 5	· · ·
16	Tu.	22	38	28	33	34	27	51	9	58	2	4 20	2 0	0 20m
17	W.	22	39	28	33	34	27	51	10	58	3	5 21	3 1	1 21
18	Th.	22	39	28	33	34	28	51	10	58	3	6 28	4 8	2 28
19	F.	22	39	28	34	34	28	52	10	59	3	7 33	5 13	3 33
20	S.	23	40	28	34	34	28	52	11	59	3	8 42	6 22	4 42
21	*Su.*	4 23	7 40	4 29	7 34	4 34	7 28	4 52	7 11	4 59	7 4	9 43m	7 23m	5 43m
22	M.	23	40	29	34	35	28	52	11	59	4	10 33	8 13	6 33
23	Tu.	23	40	29	34	35	29	52	11	5 0	4	11 18	8 58	7 18
24	W.	23	40	29	35	35	29	53	11	0	4	0 2a	9 42	8 2
25	Th.	24	41	29	35	35	29	53	11	0	4	0 39	10 19	8 39
26	F.	24	41	30	35	36	29	53	12	0	4	1 15	10 55	9 15
27	S.	25	41	30	35	36	29	54	12	1	4	1 49	11 29	9 49
28	*Su.*	4 25	7 40	4 31	7 35	4 37	7 29	4 54	7 12	5 1	7 5	2 23a	0 3a	10 23m
29	M.	25	40	31	35	37	29	54	12	1	5	2 59	0 39	10 59
30	Tu	26	40	31	35	37	29	55	12	2	5	3 36	1 16	11 36

Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′
☿	10 38m	+15 58	10 57m	+19 25	11 23m	+22 30	11 56m	+24 25	0 30a	+24 44
♀	9 1	+ 7 55	9 2	+10 4	9 3	+12 10	9 6	+14 12	9 9m	+16 5
♂	2 20a	+23 59	2 12a	+23 33	2 5a	+23 0	1 58a	+22 22	1 50a	+21 38
♃	2 5	+23 50	1 58	+23 44	1 40	+23 34	1 28	+23 23	1 15	+23 7
♄	9 50	+ 0 23	9 24	+ 0 28	8 58	+ 0 28	8 34	+ 0 24	8 10	+ 0 13
☉	7 35m	+ 4 49	7 17m	+ 4 58	6 59m	+ 5 4	6 41m	+ 5 6	6 23m	+ 5 3
☽	9 40	+ 6 14	9 25	+ 6 56	9 9	+ 7 37	8 53	+ 8 16	8 38	+ 9 5
♅	11 4	+18 56	10 46	+19 15	10 28	+19 33	10 10	+19 49	9 52	+20 5
♆	5 35	+12 30	5 12	+12 30	4 49	+12 31	4 25	+12 33	4 1	+12 37
♇	8 12	+ 4 39	7 49	+ 4 44	7 26	+ 4 48	7 3	+ 4 52	6 40	+ 4 55

Days of Month	Moon Souths. Mean Time.	Moon rises or sets. Mean Time. Boston, &c.	N. York, &c.	Wash'tn, &c.	Che'ston, &c.	N. Orl's, &c.
	h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.
1	5 52a	. . .	. . .	. . .	. . .	. . .
2	6 34	0 15m	0 14m	0 14m	0 12m	0 12m
3	7 18	0 43	0 43	0 43	0 44	0 45
4	8 3	1 11	1 12	1 14	1 16	1 20
5	8 51	1 40	1 43	1 45	1 52	1 55
6	9 42	2 15	2 18	2 21	2 30	2 35
S.	10 37a	*rises.*	*rises.*	*rises.*	*rises.*	*rises.*
8	11 34	6 35a	6 31a	6 28a	6 13a	6 10a
9	☌	7 37	7 33	7 30	7 16	7 11
10	0 34m	8 33	8 28	8 24	8 11	8 8
11	1 33	9 23	9 19	9 16	9 4	9 2
12	2 33	10 5	10 2	10 0	9 52	9 49
13	3 30	10 43	10 42	10 40	10 35	10 34
S.	4 24m	11 19a	11 18a	11 18a	11 16a	11 15a
15	5 17	11 51	11 53	11 53	11 54	11 55
16	6 8	. . .	. . .	. . .	. . .	. . .
17	6 57	0 24m	0 26m	0 28m	0 31m	0 34m
18	7 47	0 57	1 0	1 2	1 10	1 13
19	8 37	1 33	1 36	1 40	1 49	1 54
20	9 28	2 10	2 15	2 18	2 30	2 37
S.	10 19m	2 53m	2 57m	3 2m	3 16m	3 22m
22	11 9	*sets.*	*sets.*	*sets.*	*sets.*	*sets.*
23	0 0a	7 27a	7 23a	7 18a	7 5a	7 2a
24	0 49	8 10	8 6	8 2	7 50	7 46
25	1 36	8 46	8 44	8 40	8 29	8 26
26	2 21	9 19	9 16	9 14	9 6	9 4
27	3 5	9 50	9 48	9 46	9 40	9 39
S.	3 48a	10 17a	10 17a	10 16a	10 12a	10 12a
29	4 30	10 45	10 44	10 45	10 45	10 45
30	5 13	11 12	11 13	11 13	11 16	11 18

PHENOMENA AND OBSERVATIONS.

Sundays and Holidays.

Washington Mean Time.

d. h. m.

2 0 4a. ☌ ☿ ☄ Ceti ✶ ♉ 24 N.

2 7 54a. ☿ in Aphelion.

5 6 55a. ☌ ☿ ♅ ☿ 0 41 S.

5 7 48a. ☌ ♂ ☐ ♊ ✶ 1 26 S.

Trinity Sunday.

11 7 30a. ♄ stationary.

13 0 44a. ☿ in ♌

14 10 20m ☌ ♀ μ Ceti ✶ 1 44 N.

Corpus Christi. Fête Dieu.

14 0 54a. ☌ ♄ ☾ ♄ 6 26 S.

14 5 14a. ☌ ♂ ☍ ♊ ✶ 1 52 N.

1st Sunday after Trinity.

15 9 21m. ☌ ☿ ♀ ♀ 5 0 S.

17 0 55m. ☌ ♅ ☾ ♅ 2 45 S.

18 2 17m. ☿ in Perihelion.

19 10 35a. ☌ ☿ ☾ ☿ 1 33 S.

20 6 52m. Sup. ☌ ☿ ☉

21 3 17m. ☌ ♅ ☾ ♅ 1 31 N.

2d Sunday after Trinity.

21 3 23a. ☉ ent. ♋ Sum. beg.

23 10 47a. ☌ ☿ ☾ ☿ 5 59 N.

St. John Baptist.

25 3 1a. ☿ great. Hel. Lat. S.

25 8 51a. ☌ ♂ ☾ ♂ 6 24 N.

28 10 7m. ☿ gr. Hel. Lat. N.

3d Sunday after Trinity.

30 9 9a. ☿ stationary.

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	2 12m	9 54a	2 19m	9 49a	2 26m	9 44a	2 35m	9 37a	2 44m	9 28a
N. York,	2 26	9 40	2 32	9 36	2 39	9 31	2 46	9 25	2 54	9 18
Wash.	2 39	9 27	2 44	9 24	2 51	9 19	2 58	9 14	3 5	9 7
Charles.	3 13	8 53	3 17	8 51	3 22	8 48	3 27	8 45	3 32	8 40
N. Orl's.	3 25	8 41	3 29	8 39	3 33	8 37	3 37	8 34	3 42	8 30

PERIGEE AND APOGEE OF THE MOON.

Perigee, 9th day, 11h. A. | Apogee, 25th day, 2h. M.

PHASES OF THE MOON.

First Quarter, 1st day, 4h. 15.4m. A. | New Moon, 23d day, 2h. 54.7m. M.
Full Moon, 8th " 6h. 2.7m. A. | First Quarter, 31st " 5h. 54.8m. M.
Last Quarter, 15th " 8h. 15.7m. M.

Days of Month.	Days of Week.	Sun's *upper* limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*			
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	W.	4 26	7 40	4 32	7 35	4 38	7 29	4 55	7 12	5 2	7 5	4 19a	1 59a	0 19a
2	Th.	27	40	32	35	38	29	55	12	2	5	5 6	2 46	1 6
3	F.	27	40	33	34	39	29	56	12	3	5	6 9	3 49	2 9
4	S.	28	40	34	34	39	28	56	11	3	5	7 13	4 53	3 13
5	*Su.*	4 29	7 39	4 34	7 34	4 40	7 28	4 57	7 11	5 4	7 4	8 20a	6 0a	4 20a
6	M.	29	39	35	34	41	28	57	11	4	4	9 24	7 4	5 24
7	Tu.	30	39	35	33	41	28	58	11	5	4	10 19	7 59	6 19
8	W.	30	38	36	33	42	27	58	11	5	4	11 10	8 50	7 10
9	Th.	31	38	37	33	42	27	59	11	6	4	· · ·	9 41	8 1
10	F.	32	38	37	32	43	27	59	10	6	4	0 1m	10 31	8 51
11	S.	33	37	38	32	44	26	5 0	10	7	3	0 51	11 16	9 36
12	*Su.*	4 33	7 37	4 39	7 31	4 44	7 26	5 0	7 10	5 7	7 3	1 36m	· · ·	10 24a
13	M.	34	36	39	31	45	26	1	9	8	3	2 24	0 4m	11 13
14	Tu.	35	36	40	30	46	25	2	9	8	3	3 13	0 53	· · ·
15	W.	36	35	41	30	46	24	2	9	9	2	4 0	1 40	0 0m
16	Th.	37	34	42	29	47	24	3	8	9	2	4 53	2 33	0 53
17	F.	37	34	43	29	48	23	3	8	10	1	5 51	3 31	1 51
18	S.	38	33	43	28	49	23	4	7	10	1	7 3	4 43	3 3
19	*Su.*	4 39	7 32	4 44	7 27	4 49	7 22	5 5	7 7	5 11	7 1	8 13m	5 53m	4 13m
20	M.	40	31	45	26	50	21	5	6	11	0	9 24	7 4	5 24
21	Tu.	41	30	46	26	51	21	6	6	12	0	10 19	7 59	6 19
22	W.	42	30	47	25	52	20	6	5	12	6 59	11 5	8 45	7 5
23	Th.	43	29	48	24	52	19	7	5	13	59	11 44	9 24	7 44
24	F.	44	28	48	23	53	18	8	4	14	58	0 21a	10 1	8 21
25	S.	45	27	49	23	54	18	8	4	14	58	0 55	10 35	8 55
26	*Su.*	4 46	7 26	4 50	7 22	4 55	7 17	5 9	7 3	5 15	6 57	1 26a	11 6m	9 26m
27	M.	47	25	51	21	56	16	10	2	15	56	1 57	11 37	9 57
28	Tu.	48	24	52	20	57	15	10	1	16	56	2 30	0 10a	10 30
29	W.	49	23	53	19	58	14	11	1	17	55	3 3	0 43	11 3
30	Th.	50	22	54	18	58	13	12	0	17	54	3 41	1 21	11 41
31	F.	51	21	55	17	59	12	12	6 59	18	54	4 24	2 4	0 24a

Passage of the Meridian (mean time) and declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths.	Dec.	*Souths.*	Dec.	*Souths.*	Dec.	*Souths.*	Dec.	*Souths.*	Dec.
	h. m.	° ′	h. m.	° ′	h. m.	° ′	h. m.	° ′	h. m.	° ′
☿	1 0a	+23 29	1 23a	+21 5	1 39a	+17 59	1 49a	+14 33	1 53a	+11 7
☉	9 13m	+17 47	9 17m	+19 19	9 22m	+20 31	9 28m	+21 28	9 35m	+22 6
♀	1 42a	+20 47	1 34a	+19 53	1 26a	+18 53	1 18a	+17 49	1 9a	+16 41
♁	1 3	+23 49	0 51	+22 26	0 39	+22 4	0 26	+21 34	0 14	+21 5
☾	7 44	− 0 3	7 22	− 0 21	6 59	− 0 44	6 38	− 1 9	6 15	− 1 37
♂	6 4m	+ 4 57	5 44m	+ 4 45	5 24m	+ 4 27	5 4m	+ 4 5	4 43m	+ 3 31
♃	8 23	+ 9 26	8 7	+ 9 59	7 51	+10 27	7 34	+10 55	7 18	+11 19
♄	9 34	+20 19	9 15	+20 33	8 57	+20 45	8 38	+20 57	8 19	+21 7
♅	3 37	−12 41	3 12	−12 47	2 48	−12 54	2 23	−13 1	1 58	−13 10
♆	6 17	+ 4 57	5 54	+ 4 58	5 30	+ 4 59	5 7	+ 5 0	4 43	+ 4 59

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean Time. Boston, &c.	N. York, &c.	Wash'ton, &c.	Che'ston, &c.	N. Orl's, &c.
	h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.
1	5 57a	11 41a	11 43a	11 45a	11 50a	11 52a
2	6 42	. . .	. . .	. . .	. . .	. . .
3	7 30	0 11m	0 15m	0 17m	0 25m	0 29m
4	8 22	0 46	0 50	0 53	1 4	1 10
S.	9 17a	1 28m	1 32m	1 37m	1 49m	1 55m
6	10 16	2 15	2 20	2 25	2 39	2 46
7	11 16	*rises.*	*rises.*	*rises.*	*rises.*	*rises.*
8	☾	7 11a	7 7a	7 3a	6 51a	6 43a
9	0 17m	7 59	7 56	7 54	7 44	7 41
10	1 17	8 42	8 39	8 37	8 31	8 29
11	2 14	9 19	9 17	9 17	9 13	9 13
S.	3 9m	9 53a	9 54a	9 54a	9 54a	9 54a
13	4 2	10 27	10 27	10 29	10 31	10 34
14	4 54	11 0	11 3	11 4	11 11	11 14
15	5 45	11 35	11 37	11 41	11 49	11 54
16	6 35	. . .	. . .	. . .	. . .	. . .
17	7 25	0 12m	0 16m	0 20m	0 31m	0 37m
18	8 16	0 53	0 57	1 1	1 14	1 22
S.	9 6m	1 38m	1 42m	1 47m	2 2m	2 8m
20	9 56	2 26	2 30	2 36	2 50	2 57
21	10 45	3 17	3 23	3 27	3 41	3 48
22	11 33	*sets.*	*sets.*	*sets.*	*sets.*	*sets.*
23	0 19a	7 21a	7 18a	7 16a	7 7a	7 5a
24	1 3	7 53	7 51	7 48	7 43	7 41
25	1 46	8 21	8 21	8 20	8 15	8 14
S.	2 28a	8 49a	8 48a	8 49a	8 47a	8 47a
27	3 11	9 16	9 16	9 17	9 18	9 20
28	3 54	9 43	9 46	9 47	9 50	9 53
29	4 38	10 14	10 16	10 18	10 25	10 28
30	5 23	10 46	10 48	10 52	11 2	11 6
31	6 12	11 22	11 27	11 30	11 42	11 48

PHENOMENA AND OBSERVATIONS.

Sundays and Holidays.

Washington Mean Time.

	d. h. m.		
1	3 37m.	☉ in Apogee.	
2	0 52m.	☌ ☿ ♎	☿ 0 31 N.
3	4 22a.	□ ♀ ☉	
	Independence declared 1776.		
	4th Sunday after Trinity.		
6	0 52m.	☌ gr. Hel. Lat. N.	
6	0 41a.	□ ♅ ☉	
8	9 11a.	☌ ♀ ♃	♀ 1 22 S.
7	5 48m.	♀ in ♉	
8	6 52a.	☌ ♃ *v*[1] ♉	✱ 1 52 N.
10	3 17m.	☌ ☿ ♂	☿ 0 20 N.
	5th Sunday after Trinity.		
11	7 16a.	☌ ♄ ☾	♄ 6 21 S.
14	7 15a.	☌ ♅ ☾	♅ 2 30 S.
18	7 50a.	☌ ♃ ☾	♃ 2 6 N.
19	6 50a.	☌ ♀ *o* ♉	✱ 0 17 N.
19	8 7a.	☌ ♀ ☾	♀ 2 5 N.
20	5 31m.	♅ stationary.	
	6th Sunday after Trinity.		
21	10 13a.	☿ in ♉	
24	0 52a.	☌ ♀ ♓	♀ 1 24 S.
24	5 9a.	☌ ♂ ☾	♂ 6 15 N.
25	5 15a.	☌ ☿ ☾	☿ 4 0 N.
28	6 52m.	☿ in Aphelion.	
28	9 1m.	☌ ♃ ♉	✱ 1 27 N.
	7th Sunday after Trinity.		
28	1 50a.	☌ ♎ ☉	
28	8 38a.	☿ gr. elon. 27 12 E.	
29	1 35m.	□ ☿ ☉	
29	3 7m.	☌ ♀ η ♊	✱ 0 15 N.
30	5 1a.	☌ ♀ μ ♊	✱ 0 14 N.

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	2 55m	9 17a	3 5m	9 5a	3 15m	8 53 a	3 24m	8 42a	3 34m	8 30a
N. York,	3 4	9 8	3 14	8 56	3 23	8 45	3 32	8 34	3 40	8 24
Wash.	3 14	8 58	3 22	8 48	3 30	8 38	3 38	8 28	3 46	8 18
Charles.	3 39	8 33	3 45	8 25	3 50	8 18	3 56	8 10	4 2	8 2
N. Orl's.	3 48	8 24	3 54	8 16	3 59	8 9	4 4	8 2	4 8	7 56

PERIGEE AND APOGEE OF THE MOON.

Perigee, 7th day, 8h. M. | Apogee, 21st day, 5h. M.

PHASES OF THE MOON.

Full Moon, 7th day, 0h. 51.4m. M. | New Moon, 21st day, 6h. 17.2m. A.
Last Quarter, 13th " 5h. 43.3m. A. | First Quarter, 29th " 5h. 10.4m. A.

Days of Month.	Days of Week.	Sun's upper limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.	rises.	sets.			
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	S.	4 52	7 20	4 56	7 16	5 0	7 11	5 13	6 58	5 18	6 53	5 17a	2 57a	1 17a
2	*Su.*	4 53	7 18	4 57	7 14	5 1	7 10	5 14	6 58	5 19	6 52	6 28a	4 8a	2 28a
3	M.	54	17	58	13	2	9	15	57	20	52	7 43	5 23	3 43
4	Tu.	55	16	59	12	3	8	15	56	20	51	9 0	6 40	5 0
5	W.	56	15	5 0	11	4	7	16	55	21	50	10 2	7 42	6 2
6	Th.	57	14	1	10	5	6	17	54	21	49	10 57	8 37	6 57
7	F.	58	12	2	9	6	5	17	53	22	48	11 46	9 26	7 46
8	S.	59	11	3	7	6	4	18	52	23	48	· · ·	10 14	8 34
9	*Su.*	5 0	7 10	5 4	7 6	5 7	7 2	5 19	6 51	5 23	6 47	0 34m	10 58a	9 18a
10	M.	1	8	5	5	8	1	19	50	24	46	1 18	11 44	10 4
11	Tu.	2	7	6	4	9	0	20	49	25	45	2 4	· · ·	10 47
12	W.	3	6	7	2	10	6 59	21	48	25	44	2 47	0 27m	11 33
13	Th.	4	4	8	1	11	58	21	47	26	43	3 33	1 13	· · ·
14	F.	5	3	9	0	12	55	22	46	26	42	4 20	2 0	0 20m
15	S.	6	1	10	6 58	13	54	23	45	27	41	5 15	2 56	1 15
16	*Su.*	5 7	7 0	5 11	6 57	5 14	6 53	5 23	6 44	5 27	6 40	6 27m	4 7m	2 27m
17	M.	8	6 58	12	55	15	52	24	43	28	39	7 45	5 25	3 45
18	Tu.	10	57	13	54	16	51	25	42	29	38	9 2	6 42	5 2
19	W.	11	55	14	53	17	50	25	41	29	37	10 1	7 41	6 1
20	Th.	12	54	15	51	17	48	26	40	30	36	10 47	8 27	6 47
21	F.	13	52	16	50	18	47	27	38	30	35	11 25	9 5	7 25
22	S.	14	51	17	48	19	45	28	37	31	34	11 59	9 39	7 59
23	*Su.*	5 15	6 49	5 17	6 47	5 20	6 44	5 28	6 36	5 32	6 33	0 30a	10 10m	8 30m
24	M.	16	48	18	45	21	43	29	35	32	32	1 0	10 40	9 0
25	Tu.	17	46	19	44	22	41	30	34	33	31	1 30	11 10	9 30
26	W.	18	44	20	42	23	40	30	32	33	30	2 1	11 41	10 1
27	Th.	19	43	21	41	24	38	31	31	34	28	2 33	0 13a	10 33
28	F.	20	41	22	39	25	37	32	30	34	27	3 8	0 48	11 8
29	S.	21	39	23	37	26	35	32	29	35	26	3 49	1 29	11 49
30	*Su.*	5 22	6 38	5 24	6 36	5 26	6 34	5 33	6 28	5 35	6 25	4 41a	2 21a	0 41a
31	M.	23	36	25	34	27	32	33	26	36	24	5 50	3 30	1 50

Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′
☿	1 48a	+ 7 31	1 38a	+ 5 9	1 17a	+ 3 57	0 45a	− 4 26	11 58m	− 6 41
♀	9 42m	+22 22	9 49m	+22 13	9 57m	+21 41	10 4m	+20 46	10 11	+19 30
♁										
♂	9 59a	+15 16	0 50a	+14 0	0 41a	+12 39	0 32a	+11 17	0 23a	+ 9 51
♃	0 0	+20 27	11 43m	+19 51	11 35m	+19 13	11 23m	+18 32	11 11m	+17 49
♄	5 51	− 2 12	5 31a	− 2 43	5 11a	− 3 17	4 52a	− 3 50	4 33a	− 4 25
☉	4 18m	+ 2 47	3 56m	+ 1 59	3 33m	+ 1 5	3 9m	+ 0 0	2 45m	− 1 11
☾	6 58	+11 44	6 41	+12 4	6 23	+12 21	6 5	+12 35	5 57	+12 48
♅	7 57	+21 18	7 38	+21 26	7 18	+21 33	6 59	+21 40	6 38	+21 45
♆	1 29	−13 20	1 3	−13 30	0 38	−13 39	0 13	−13 49	11 43a	−14 1
♇	4 15	+ 4 58	3 51	+ 4 56	3 27	+ 4 54	3 3	+ 4 51	2 39m	+ 4 47

Moon rises or sets. Mean time.

Days of Month.	Moon South. Mean Time.	Boston, &c.	N. York, &c.	Washton, &c.	Cha'ston, &c.	N. Orl'a, &c.
	h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.
1	7 4a	. . .	. . .	. . .	. . .	. . .
S.	7 59a	9 8m	9 12m	9 17m	9 30m	9 36m
3	8 56	9 57	1 2	1 6	1 21	1 28
4	9 57	1 55	1 59	2 4	2 19	2 26
5	10 58	*rises.*	*rises.*	*rises.*	*rises.*	*rises.*
6	11 57	6 33a	6 30a	6 28a	6 19a	6 16a
7	☽	7 13	7 12	7 10	7 4	7 4
8	0 55m	7 51	7 50	7 49	7 48	7 48
S.	1 50m	8 26a	8 27a	8 28a	8 29a	8 31a
10	2 45	9 0	9 3	9 4	9 9	9 11
11	3 37	9 36	9 38	9 42	9 49	9 53
12	4 30	10 12	10 16	10 19	10 30	10 35
13	5 21	10 53	10 58	11 2	11 14	11 21
14	6 12	11 37	11 41	11 46	. . .	. . .
15	7 3	. . .	. . .	. . .	0 0m	0 6m
S.	7 53m	9 24m	9 28m	9 34m	9 48m	9 55m
17	8 43	1 15	1 20	1 25	1 39	1 45
18	9 31	2 8	2 13	2 17	2 30	2 37
19	10 17	3 3	3 7	3 11	3 22	3 29
20	11 2	*sets.*	*sets.*	*sets.*	*sets.*	*sets.*
21	11 45	6 25a	6 23a	6 22a	6 16a	6 16a
22	0 28a	6 53	6 53	6 52	6 49	6 49
S.	1 10a	7 21a	7 21a	7 20a	7 21a	7 22a
24	1 52	7 48	7 49	7 50	7 53	7 56
25	2 36	8 18	8 19	8 22	8 27	8 30
26	3 21	8 48	8 51	8 54	9 2	9 6
27	4 8	9 23	9 26	9 31	9 40	9 46
28	4 57	10 3	10 8	10 12	10 24	10 31
29	5 49	10 48	10 53	10 59	11 13	11 19
S.	6 45a	11 41a	11 46a	11 51a	. . .	. . .
31	7 42	. . .	. . .	. . .	0 5m	0 13m

PHENOMENA AND OBSERVATIONS.

Sundays and Holidays.

Washington Mean Time.

d. h. m.

1 1 52m. ☿ in Aphelion.

8th Sunday after Trinity.

7 6 34a. ☌ ☿ ♍♊ ✱ 1 24 S.

8 2 25m. ☌ ♄ ☾ ♄ 6 22 S.

9 2 15m. ♂ in Aphelion.

9th Sunday after Trinity.

10 9 4a. ☌ ☿ ☌♊ ✱ 0 19 N.

11 2 26m. ☌ ♅ ☾ ♅ 2 16 S.

11 2 55m. ☿ stationary. Meteoric Period

15 6 52m. ♀ stationary.

15 10 33m. ☌ ♃ ☾ ♃ 2 38 N.

16 5 37m. ☌ ☿ ♑ ✱ 0 25 S.

10th Sunday after Trinity.

19 3 15m. ☌ ☿ ☾ ☿ 5 2 N.

20 4 58a. ☌ ♄ ☉

20 7 22a. ☌ ☿ ♂ ☿ 6 11 S.

20 9 50a. ☿ in ♌

21 0 50a. ☿ gr. Hel. Lat. S.

22 7 43m. ☌ ☿ ☾ ☿ 0 30 S.

11th Sunday after Trinity.

22 0 18a. ☌ ♂ ☾ ♂ 5 29 N.

23 0 44a. □ ☿ ☉

25 4 27a. Inf. ☌ ☿ ☉

30 1 14m. ☌ ♄ ♒ ✱ 0 29 S.

12th Sunday aft. Trinity.

31 1 44m. ☌ ♃ ♑ ✱ 0 27 S.

Twilight begins and ends. Mean time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	3 44m	8 16a	3 51m	8 4a	3 59m	7 52a	4 7m	7 40a	4 16m	7 28a
N. York,	3 49	8 11	3 56	8 0	4 3	7 49	4 19	7 37	4 18	7 26
Wash.	3 54	8 6	4 0	7 56	4 7	7 45	4 14	7 34	4 21	7 23
Charles.	4 8	7 52	4 12	7 43	4 17	7 34	4 22	7 25	4 28	7 16
N. Orl's.	4 14	7 46	4 17	7 39	4 21	7 31	4 25	7 22	4 30	7 14

PERIGEE AND APOGEE OF THE MOON.

Perigee, 4th day, 6h. A. | Apogee, 17th day, 10 h. M.

PHASES OF THE MOON.

Full Moon, 5th day, 8h. 8.3m. M. | New Moon, 20th day, 10h. 25.6m. M.
Last Quarter, 12th " 6h. 34.0m. M. | First Quarter, 28th " 2h. 18.4m. M.

Days of Month.	Days of Week.	Sun's *upper* limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*			
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	Tu.	5 24	6 35	5 26	6 33	5 28	6 31	5 34	6 25	5 37	6 23	7 16a	4 56a	3 16a
2	W.	26	33	27	31	29	29	35	24	37	21	8 40	6 20	4 40
3	Th.	27	31	28	29	30	28	35	22	38	20	9 45	7 25	5 45
4	F.	28	29	29	28	31	26	36	21	38	19	10 41	8 21	6 41
5	S.	29	28	30	26	32	25	37	20	39	18	11 28	9 8	7 28
6	*Su.*	5 30	6 26	5 31	6 25	5 33	6 23	5 37	6 19	5 39	6 17	· · ·	9 52a	8 12a
7	M.	31	24	32	23	34	21	38	17	40	15	0 12m	10 38	8 58
8	Tu.	32	22	33	21	35	20	39	16	40	14	0 58	11 20	9 40
9	W.	33	21	34	20	35	18	39	15	41	13	1 40	· · ·	10 21
10	Th.	34	19	35	18	36	17	40	13	41	12	2 21	0 1m	11 3
11	F.	35	17	36	16	37	15	41	12	42	11	3 3	0 43	11 48
12	S.	36	15	37	15	38	14	41	11	42	9	3 48	1 28	· · ·
13	*Su.*	5 37	6 14	5 38	6 13	5 39	6 12	5 42	6 9	5 43	6 8	4 40m	2 20m	0 40m
14	M.	38	12	39	11	40	10	43	8	44	7	5 48	3 28	1 48
15	Tu.	39	10	40	9	41	9	43	7	44	6	7 11	4 51	3 11
16	W.	40	8	41	8	42	7	44	5	45	4	8 29	6 9	4 29
17	Th.	41	7	42	6	43	6	45	4	45	3	9 35	7 15	5 35
18	F.	43	5	43	4	44	4	45	2	46	2	10 20	8 0	6 20
19	S.	44	3	44	3	44	2	46	1	46	1	10 58	8 38	6 58
20	*Su.*	5 45	6 1	5 45	6 1	5 45	6 1	5 46	6 0	5 47	5 59	11 30m	9 10m	7 30m
21	M.	46	0	46	5 59	46	5 59	47	5 58	47	58	0 2a	9 42	8 2
22	Tu.	47	5 58	47	58	47	58	48	57	48	57	0 31	10 11	8 31
23	W.	48	56	48	56	48	56	48	56	49	56	1 2	10 42	9 2
24	Th.	49	54	49	54	49	54	49	54	49	54	1 33	11 13	9 33
25	F.	50	53	50	53	50	53	50	53	50	53	2 7	11 47	10 7
26	S.	51	51	51	51	51	51	50	52	50	52	2 44	0 21a	10 44
27	*Su.*	5 52	5 49	5 52	5 50	5 52	5 50	5 51	5 50	5 51	5 51	3 26a	1 6a	11 26m
28	M.	53	47	53	48	53	48	52	49	51	49	4 19	1 59	0 19a
29	Tu	54	46	54	46	54	46	52	48	52	48	5 30	3 10	1 30
30	W.	56	44	55	44	55	45	53	46	53	47	6 58	4 38	2 58

Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′
☿	11 13m	+10 6	10 53m	+11 47	10 51m	+11 43	11 2m	+ 9 47	11 18m	+ 6 11
♀	10 18	+17 37	10 24	+15 39	10 29	+13 26	10 34	+10 59	10 39	+ 8 21
♁	0 12a	+ 8 9	0 3a	+ 6 39	11 53	+ 5 7	11 44	+ 3 35	11 34	+ 2 1
♂	10 56m	+16 58	10 43m	+16 12	10 31	+15 23	10 18	+14 34	10 5	+13 44
♃	4 11a	— 5 4	3 53a	— 5 40	3 36a	— 6 15	3 19a	— 6 51	3 2a	— 7 25
♄	2 15m	— 2 43	1 49m	— 4 10	1 22m	— 5 41	0 55m	— 7 15	0 27m	— 8 50
♅	5 24	+13 0	5 4	+13 7	4 44	+13 12	4 23	+13 16	4 0	+13 19
♆	6 14	+21 50	5 52	+21 54	5 31	+21 57	5 9	+21 59	4 46	+22 0
☽	11 14a	—14 11	10 48a	—14 20	10 23a	—14 29	9 58a	—14 36	9 33a	—14 42
☊	2 11m	+ 4 42	1 47m	+ 4 38	1 22m	+ 4 33	0 56m	+ 4 27	0 33m	+ 4 23

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean Time. Boston, &c.	N. York, &c.	Wash'ton, &c.	Cha'ston, &c.	N. Orl's, &c.	PHENOMENA AND OBSERVATIONS. *Sundays and Holidays.* Washington Mean Time.
	h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	*sets.* h. m.	d. h. m. ° ′
1	8 40a	0 43m	0 47m	0 52m	1 6m	1 13m	3 11 35m. ☿ stationary.
2	9 39	1 49	1 53	1 58	2 10	2 16	4 10 7m. ☌ ♄ ☾ ♄ 6 28 S.
3	10 37	3 2	3 6	3 9	3 19	3 24	
4	11 33	*rises.*	*rises.*	*rises.*	*rises.*	*rises.*	
5	☾	6 19a	6 20a	6 19a	6 19a	6 20a	7 10 58m. ☌ ♅ ☾ ♅ 2 11 S.
S.	0 29m	6 56a	6 56a	6 58a	7 0a	7 3a	13*th Sunday after Trinity.*
7	1 24	7 31	7 33	7 36	7 42	7 46	8 5 1m. ☌ ☿ ☍ ✱ 0 52 N.
8	2 18	8 8	8 12	8 16	8 24	8 29	8 8 34m. □ ♃ ☉
9	3 11	8 50	8 54	8 58	9 9	9 16	9 0 0a. ☿ in ♌
10	4 5	9 33	9 37	9 42	9 55	10 1	10 3 58m. ☌ ♂ ☉
11	4 57	10 19	10 24	10 30	10 44	10 50	11 3 22m. ☿ gr. elon. 17 55 W.
12	5 48	11 9	11 14	11 20	11 34	11 40	11 11 15a. ☌ ♃ ☾ ♃ 3 1 N.
S.	6 39m	. . .	. . .	. . .	. . .	. . .	14*th Sunday after Trinity.*
14	7 27	0 3m	0 8m	0 12a	0 26m	0 33m	12 0 52a. ☌ ♀ ♅ ♀ 10 6 S.
15	8 14	0 58	1 1	1 6	1 17	1 24	13 6 5a. ☌ ♀ ♎ ♎ 2 2 N.
16	8 59	1 54	1 58	2 1	2 11	2 16	13 7 5a. ☌ ♀ ☍ ✱ 0 34 S.
17	9 43	2 51	2 53	2 56	3 4	3 8	14 1 33m. ☿ in Perihelion.
18	10 26	3 47	3 49	3 51	3 56	3 59	18 2 41a. ☌ ☾ ☾ ♀ 5 41 N.
19	11 9	*sets.*	*sets.*	*sets.*	*sets.*	*sets.*	19 7 13m. ☌ ☿ ☾ ☿ 5 46 N.
S.	11 51m	5 53a	5 53a	5 54a	5 56a	5 58a	15*th Sunday after Trinity.*
21	0 35a	6 21	6 22	6 25	6 29	6 33	Jewish year 5607 begins.
22	1 20	6 51	6 56	6 57	7 4	7 8	20 6 39m. ☌ ♂ ☾ ♂ 4 8 N.
23	2 6	7 22	7 25	7 29	7 39	7 45	23 2 52m. ♀ in Perihelion.
24	2 54	8 3	8 7	8 11	8 23	8 29	23 5 23m. ☉ ent. ♎ Aut. beg.
25	3 46	8 47	8 51	8 56	9 9	9 16	24 9 23m. ☿ gr. Hel. Lat. N.
26	4 38	9 36	9 41	9 46	10 1	10 7	
S.	5 34a	10 32a	10 37a	10 42a	10 56a	11 3a	16*th Sunday after Trinity.*
28	6 30	11 34	11 39	11 44	11 57	. . .	28 8 30m. ☾ ♀ ☉ intens. of lt. 0.793
29	7 26	. . .	. . .	. . .	. . .	0 3m	St. Michael.
30	8 22	0 42m	0 45m	0 50m	1 1m	1 7	29 5 17m. ☌ ☿ ♂ ☿ 0 54 N.

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	4 23m	7 17a	4 30m	7 6a	4 37m	6 55a	4 44m	6 46a	4 50m	6 38a
N. York,	4 25	7 15	4 32	7 4	4 38	6 54	4 44	6 46	4 50	6 38
Wash'ton,	4 27	7 13	4 33	7 3	4 38	6 54	4 44	6 46	4 50	6 38
Cha'ston,	4 32	7 8	4 36	7 0	4 40	6 52	4 45	6 45	4 49	6 39
N. Orl's,	4 34	7 6	4 37	6 58	4 41	6 51	4 45	6 45	4 48	6 40

PERIGEE AND APOGEE OF THE MOON.

Perigee, 3d day, 2h. M. | Apogee, 15th day, 1h. M. | Perigee, 30th day, 11h. A.

PHASES OF THE MOON.

Full Moon, 4th day, 4h. 58.1m A. | New Moon, 20th day, 2h. 35.6m. M.
Last Quarter, 11th " 10h. 59.8m. A. | First Quarter, 27th " 10h. 1.8m. M

Days of Month.	Days of Week.	Sun's *upper* limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.			
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.	
		rises. h. m.	*sets.* h. m.	*rises.* h. m.	*sets.* h. m.	*rises.* h. m.	*sets.* h. m.	*rises.* h. m.	*sets.* h. m.	*rises.* h. m.	*sets.* h. m.	h. m.	h. m.	h. m.	
1	Th.	5 57	5 42	5 56	5 43	5 55	5 43	5 54	5 45	5 53	5 46	8 22a	6 22a	4 22a	
2	F.	58	40	57	41	56	42	54	44	54	45	9 26	7 6	5 26	
3	S.	59	39	58	39	57	40	55	42	54	43	10 19	7 59	6 19	
4	*Su.*	6 0	5 37	5 59	5 38	5 58	5 39	5 56	5 41	5 55	5 42	11 6a	8 46a	7 6a	
5	M.	1	35	6 0	36	59	37	57	40	55	41	11 50	9 30	7 50	
6	Tu.	2	33	1	35	6 0	35	57	39	56	40	· · ·	10 14	8 34	
7	W.	3	32	2	33	1	34	58	37	57	39	0 34m	10 56	9 16	
8	Th.	4	30	3	31	2	32	59	36	57	37	1 16	11 36	9 56	
9	F.	6	28	4	30	3	31	6 0	35	58	36	1 56	· · ·	10 36	
10	S.	7	27	5	28	4	29	0	33	59	35	2 36	0 16m	11 20	
11	*Su.*	6 8	5 25	6 7	5 27	6 5	5 28	6 1	5 32	5 59	5 34	3 20m	1 0m	· · ·	
12	M.	9	23	8	25	6	26	2	31	6 0	33	4 10	1 50	0 10m	
13	Tu.	10	22	9	23	7	25	2	30	0	32	5 9	2 49	1 9	
14	W.	11	20	10	22	8	23	3	29	1	31	6 29	4 9	2 29	
15	Th.	13	19	11	20	9	22	4	27	2	30	7 48	5 28	3 48	
16	F.	14	17	12	19	10	21	5	26	2	29	8 56	6 36	4 56	
17	S.	15	15	13	17	11	19	5	25	3	27	9 45	7 25	5 45	
18	*Su.*	6 16	5 14	6 14	5 16	6 12	5 18	6 6	5 24	6 4	5 26	10 23m	8 3m	6 23m	
19	M.	17	12	15	14	13	16	7	23	4	25	10 57	8 37	6 57	
20	Tu.	18	11	16	13	14	15	8	22	5	24	11 23	9 8	7 28	
21	W.	20	9	18	12	15	14	9	21	6	23	0 4a	9 44	8 4	
22	Th.	21	8	19	10	16	13	9	19	6	22	0 38	10 18	8 38	
23	F.	22	6	20	9	17	11	10	18	7	21	1 10	10 50	9 10	
24	S.	23	5	21	7	19	10	11	17	8	20	1 46	11 26	9 46	
25	*Su.*	6 24	5 3	6 22	5 6	6 20	5 9	6 12	5 16	6 9	5 19	2 26a	0 6a	10 26m	
26	M.	26	2	23	4	21	8	13	15	9	19	3 10	0 50	11 10	
27	Tu.	27	1	24	3	22	6	13	14	10	18	4 5	1 45	0 5a	
28	W.	28	4 59	26	2	23	5	14	13	11	17	5 16	2 56	1 16	
29	Th.	29	58	27	1	24	4	15	12	12	16	6 40	4 20	2 40	
30	F.	31	57	28	4 59	25	2	16	11	12	15	8 0	5 40	4 0	
31	S.	32	55	29	58	26	1	17	10	13	14	9 5	6 45	5 5	

Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′
☿	11 34m	+ 0 12	11 49m	− 4 26	0 2a	− 8 52	0 15a	−12 58	0 27a	−16 38
♀	10 43	+ 5 33	10 47	+ 2 39	10 51m	− 0 18	10 54m	− 3 16	10 58m	− 6 12
♂	11 25	+ 0 27	11 15	− 1 7	11 6	− 2 42	10 57	− 4 16	10 48	− 5 49
♃	9 52	+12 53	9 38	+12 3	9 25	+11 11	9 12	+10 21	8 58	+ 9 29
♄	2 44a	− 8 07	2 28a	− 8 31	2 11a	− 9 2	1 55a	− 9 32	1 39a	−10 1
♅	11 54	−10 39	11 26	−12 8	10 58	−13 30	10 39	−14 44	10 2	−15 49
☽	3 37m	+13 20	3 13m	+13 20	2 49m	+13 19	2 23m	+13 17	1 56m	+13 16
☉	4 23	+22 0	4 0	+22 0	3 36	+22 0	3 11	+21 58	2 46	+21 56
♇	9 9a	−14 48	8 44a	−14 52	8 20a	−14 56	7 56a	−14 58	7 32a	−14 58
☊	0 9m	+ 4 16	11 40	+ 4 10	11 16	+ 4 4	10 51	+ 3 59	10 27	+ 3 54

Days of Month.	Moon Souths. Mean Time	Moon rises or sets. Mean Time. Boston, &c.	N. York, &c.	Wash'ton, &c.	Cha'ston, &c.	N. Orl's, &c.
	h. m.	*rises.* h. m.	*rises.* h. m.	*rises.* h. m.	*rises.* h. m.	*rises.* h. m.
1	9 17a	3 36a	3 35a	3 33a	3 27a	3 27a
2	10 12	4 12	4 12	4 11	4 10	4 10
3	11 7	4 49	4 49	4 50	4 51	4 53
S.	☽	5 24a	5 26a	5 27a	5 32a	5 35a
5	0 2m	6 3	6 5	6 8	6 15	6 20
6	0 56	6 41	6 45	6 48	6 59	7 5
7	1 51	7 25	7 29	7 34	7 46	7 52
8	2 45	8 11	8 15	8 21	8 34	8 41
9	3 38	9 2	9 6	9 12	9 26	9 32
10	4 30	9 55	10 0	10 5	10 18	10 25
S.	5 21m	10 49a	10 54a	10 58a	11 11a	11 18a
12	6 9	11 46	11 49	11 54	. . .	. . .
13	6 55	. . .	. . .	. . .	0 5m	0 10m
14	7 40	0 43m	0 45m	0 48m	0 57	1 1
15	8 23	1 39	1 41	1 44	1 50	1 53
16	9 6	2 36	2 38	2 39	2 42	2 46
17	9 48	3 34	3 34	3 34	3 36	3 37
S.	10 32m	4 31m	4 31m	4 31m	4 29m	4 29m
19	11 16	*sets.*	*sets.*	*sets.*	*sets.*	*sets.*
20	0 2a	5 27a	5 29a	5 33a	5 42a	5 47a
21	0 51	6 3	6 7	6 11	6 22	6 28
22	1 42	6 45	6 49	6 54	7 7	7 13
23	2 35	7 33	7 38	7 43	7 57	8 4
24	3 30	8 27	8 33	8 37	8 52	8 59
S.	4 25a	9 27a	9 32a	9 37a	9 50a	9 57a
26	5 20	10 32	10 36	10 40	10 52	10 58
27	6 15	11 39	11 43	11 47	11 55	. . .
28	7 9	. . .	. . .	. . .	. . .	0 1m
29	8 2	0 50m	0 53m	0 55m	1 1m	1 4
30	8 54	2 1	2 2	2 4	2 6	2 9
31	9 46	3 12	3 13	3 12	3 12	3 13

PHENOMENA AND OBSERVATIONS.

Sundays and Holidays.

Washington Mean Time.

d. h. m.

1 5 29a. ☌ ♄ ☾ ♄ 6 36 S.

2 6 52m. ☿ stationary.

2 9 0m. ☌ ☿ ♌ ✶ 1 30 S.

17th Sunday after Trinity.

4 8 4a. ☌ ♅ ☾ ♅ 2 15 S.

5 7 43m. ♃ stationary.

5 4 50a. ☍ ♅ ☉

7 5 50a. sup. ☌ ☿ ☉

9 9 21m. ☌ ♃ ☾ ♃ 3 10 N.

18th Sunday after Trinity.

15 9 33m. ♀ gr. Hel. Lat. N.

17 9 26a. ☿ in ♍

18 11 2a. ☌ ♀ ☾ ♀ 3 10 N.

19th Sunday after Trinity.

Solar Eclipse, invis. in U. S.

19 0 58m. ☌ ♂ ☾ ♂ 2 21 N.

20 2 37a. ☌ ♀ ♂ ♀ 0 43 N.

20 7 43a. ☌ ☿ ☾ ☿ 1 5 S.

21 4 40m. ☌ ♀ ♈ ♉ ✶ 1 58 N.

20th Sunday after Trinity.

28 1 9m. ☿ in Aphelion.

28 11 59a. ☌ ♄ ☾ ♄ 6 36 S.

29 2 40m. ♄ stationary.

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day,		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	4 58m	6 30a	5 5m	6 23a	5 11m	6 18a	5 17m	6 14a	5 23m	6 11a
N. York,	4 57	6 31	5 4	6 24	5 10	6 19	5 15	6 16	5 21	6 13
Wash.	4 57	6 31	5 3	6 25	5 8	6 21	5 13	6 18	5 19	6 15
Charles.	4 54	6 34	4 59	6 29	5 3	6 25	5 7	6 23	5 12	6 22
N. Orl's.	4 53	6 35	4 55	6 31	5 1	6 28	5 5	6 26	5 9	6 25

APOGEE AND PERIGEE OF THE MOON.

Apogee, 11th day, 9h. A. | Perigee, 25th day, 5h. A.

PHASES OF THE MOON.

Full Moon, 3d day, 4h. 3.2m. M. | New Moon, 18th day, 5h. 51.8m. A.
Last Quarter, 10th " 6h. 35.8m. A. | First Quarter, 25th " 5h. 22.9m. A.

Days of Month.	Days of Week.	Sun's *upper* limb rises and sets, (corr. for refract.) M. T.										High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*			
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	*Su.*	6 33	4 54	6 30	4 57	6 27	5 0	6 18	5 9	6 14	5 13	9 33a	7 13a	5 33a
2	M.	34	53	31	56	28	4 59	19	9	15	13	10 23	8 3	6 23
3	Tu.	36	51	32	54	29	58	19	8	15	12	11 8	8 48	7 8
4	W.	37	50	34	53	31	57	20	7	16	11	11 52	9 32	7 52
5	Th.	38	49	35	52	32	56	21	6	17	10	· · ·	10 14	8 34
6	F.	39	48	36	51	33	55	22	5	18	10	0 34m	10 54	9 14
7	S.	41	47	37	50	34	54	23	4	18	9	1 14	11 33	9 53
8	*Su.*	6 42	4 45	6 38	4 49	6 35	4 53	6 24	5 4	6 19	5 8	1 53m	· · ·	10 34a
9	M.	43	44	40	48	36	52	25	3	20	8	2 34	0 14m	11 14
10	Tu.	44	43	41	47	37	51	26	2	21	7	3 14	0 54	· · ·
11	W.	46	42	42	46	38	50	27	2	22	6	4 1	1 41	0 1m
12	Th.	47	41	43	45	39	49	27	1	23	6	4 59	2 39	0 59
13	F.	48	40	44	44	40	48	28	0	23	5	6 12	3 52	2 12
14	S.	49	39	46	43	41	47	29	0	24	5	7 22	5 2	3 22
15	*Su.*	6 51	4 39	6 47	4 43	6 43	4 47	6 30	4 59	6 25	5 4	8 27m	6 7m	4 37m
16	M.	52	38	48	42	44	46	31	59	26	4	9 22	7 2	5 22
17	Tu.	53	37	49	41	45	45	32	58	27	3	10 4	7 44	6 4
18	W.	54	36	50	40	46	44	33	58	27	3	10 44	8 24	6 44
19	Th.	56	35	51	39	47	44	34	57	28	3	11 19	8 59	7 19
20	F.	57	34	53	39	48	43	35	57	29	2	11 57	9 37	7 57
21	S.	58	34	54	38	49	43	36	56	30	2	0 35a	10 15	8 35
22	*Su.*	6 59	4 33	6 55	4 38	6 50	4 42	6 37	4 56	6 31	5 2	1 13a	10 53m	9 13m
23	M.	7 0	32	56	37	51	42	37	56	32	1	1 54	11 34	9 54
24	Tu.	2	32	57	36	52	41	38	55	33	1	2 39	0 19a	10 39
25	W.	3	31	58	36	54	41	39	55	33	1	3 29	1 9	11 29
26	Th.	4	31	59	35	55	40	40	55	34	1	4 27	2 7	0 27a
27	F.	5	30	7 0	35	56	40	41	55	35	1	5 36	3 16	1 36
28	S.	6	30	2	35	57	40	42	54	36	0	6 52	4 32	2 52
29	*Su.*	7 7	4 30	7 3	4 34	6 58	4 39	6 43	4 54	6 37	5 0	8 4a	5 44a	4 4a
30	M.	8	29	4	34	59	39	44	54	38	0	9 8	6 48	5 8

Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′
☌	0 41a	—20 16	0 54a	—22 45	1 6a	—24 31	1 15a	—25 31	1 19a	—25 37
☿	11 4m	— 9 32	11 8m	—12 16	11 14m	—14 49	11 20m	—17 8	11 27m	—19 11
♀	10 37	— 7 36	10 28	— 9 6	10 20	—10 34	10 11	—12 0	10 3	—13 23
☉	8 42	+ 8 31	8 28	+ 7 41	8 15	+ 6 53	8 0	+ 6 7	7 46	+ 5 22
♂	1 20a	—10 32	1 5a	—10 57	0 49a	—11 20	0 34a	—11 41	0 18a	—12 1
♃	9 31	—16 49	9 6	—17 26	8 41	—18 3	8 16	—18 25	7 53	—18 38
♄	1 24m	+13 13	0 55m	+13 11	0 26m	+13 10	11 52	+13 11	11 22	+13 13
♅	2 17	+21 53	1 51	+21 49	1 24	+21 45	0 58m	+21 41	0 31m	+21 35
♆	7 43	—14 56	6 41a	—14 56	6 18a	—14 52	5 55a	—14 48	5 33a	—14 42
☊	9 59	+ 3 48	9 34	+ 3 43	9 10	+ 3 39	8 46	+ 3 36	8 22	+ 3 33

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean Time. Boston, &c.	N. York, &c.	Wash'ton, &c.	Cha'ston, &c.	N. Orl's, &c.
		rises. h. m.	*rises.* h. m.	*rises.* h. m.	*rises.* h. m.	*rises.* h. m.
S.	h. m. 10 41a	3 56a	3 56a	4 0a	4 6a	4 9a
2	11 35	4 33	4 36	4 39	4 49	4 54
3	☾	5 14	5 18	5 22	5 34	5 40
4	0 30m	6 0	6 4	6 9	6 23	6 28
5	1 24	6 49	6 54	6 59	7 13	7 20
6	2 18	7 43	7 47	7 52	8 6	8 13
7	3 10	8 37	8 42	8 46	9 0	9 7
S.	4 0m	9 35a	9 39a	9 43a	9 54a	10 1a
9	4 49	10 32	10 36	10 39	10 49	10 53
10	5 34	11 29	11 31	11 34	11 41	11 45
11	6 18	. . .	. . .	. . .	. . .	. . .
12	7 1	0 26m	0 28m	0 30m	0 34m	0 38m
13	7 43	1 23	1 23	1 24	1 27	1 28
14	8 26	2 20	2 20	2 20	2 20	2 21
S.	9 10m	3 18m	3 18m	3 17m	3 13m	3 18m
16	9 56	4 20	4 18	4 16	4 9	4 9
17	10 44	*sets.*	*sets.*	*sets.*	*sets.*	*sets.*
18	11 34	4 41a	4 45a	4 50a	5 2a	5 9a
19	0 28a	5 28	5 32	5 38	5 51	5 57
20	1 23	6 21	6 26	6 31	6 45	6 52
21	2 20	7 20	7 25	7 29	7 44	7 50
S.	3 16a	8 25a	8 28a	8 33a	8 46a	8 51a
23	4 11	9 32	9 36	9 39	9 49	9 55
24	5 5	10 42	10 44	10 47	10 54	10 58
25	5 58	11 51	11 52	11 53	11 58	. . .
26	6 49	. . .	. . .	. . .	. . .	0 1m
27	7 41	1 0m	1 1m	1 1m	1 2m	1 3
28	8 32	2 10	2 9	2 9	2 6	2 6
S.	9 24m	3 18m	3 17m	3 15m	3 9m	3 9m
30	10 18	4 26	4 24	4 22	4 13	4 11

PHENOMENA AND OBSERVATIONS.

Sundays and Holidays.

Washington Mean Time.

d. h. m.

21st Sunday after Trinity.

1 4 11m. ☌ ♅ ☾ ♅ 2 21 S.

5 4 4a. ☌ ♑ ☾ ♑ 3 4 N.

9 6 0m. ☌ ♑ ☿ ☍ 0 26 S.

9 9 52m. ☌ ♓ ♐ ☍ 1 43 N.

9 6 52a. ☌ ♓ ♍ ☍ 0 2 N.

22d Sunday after Trinity.

9 8 25a. ☌ ☿ ♇ ☿ 12 24 S.

Olmsted's Meteoric Shower.

14 6 12a. ☌ ♃ ♑ ☍ 1 8 S.

23d Sunday after Trinity.

16 8 2a. ☌ ♂ ☾ ♂ 0 19 N.

16 10 12a. □ ♄ ☉

17 11 43m. ☿ gr. Hel. Lat. S.

18 3 59m. ☌ ♀ ☾ ♀ 1 3 S.

19 6 52m. ☌ ♓ ♍ ☍ 1 21 N.

19 11 13a. ☌ ♀ ☉ intens. of lt. 1.011

24th Sunday after Trinity.

20 4 37m. ☌ ☿ θ Oph. ☍ 0 44 N.

20 10 25m. ☌ ☿ ☾ ☿ 6 38 S.

21 6 52m. ♀ stationary.

22 9 57a. ☿ gr. elon. 21 47 E.

25 6 32m. ☌ ♄ ☾ ♄ 6 26 S.

28 10 17m. ☌ ♅ ☾ ♅ 2 20 S.

Advent Sunday.

St. Andrew.

Twilight begins and ends. Mean Time.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Boston,	5 29m	6 9a	5 35m	6 9a	5 40m	6 8a	5 43m	6 10a	5 46m	6 14a
N. York,	5 27	6 11	5 33	6 11	5 37	6 11	5 41	6 13	5 44	6 16
Wash.	5 25	6 13	5 30	6 14	5 34	6 14	5 38	6 16	5 41	6 19
Charles.	5 17	6 21	5 22	6 22	5 26	6 23	5 29	6 25	5 32	6 28
N. Orl's.	5 13	6 25	5 18	6 26	5 24	6 17	5 25	6 29	5 28	6 32

APOGEE AND PERIGEE OF THE MOON.

Apogee, 9th day, 6h. A. | Perigee, 21st day, 11h. M.

PHASES OF THE MOON.

Full Moon, 2d day, 5h. 38.3m. A. | New Moon, 18th day, 7h. 34.2m M.
Last Quarter, 10th " 4h. 8.0m. A. | First Quarter, 25th " 1h. 28.2m. M.

Days of Month.	Days of Week.	Sun's *upper* limb rises and sets, (corr. for refract.) M. T.												High Water. M. Time.		
		Boston, &c.		New York, &c.		Wash'ton, &c.		Charleston, &c.		N. Orleans, &c.		Boston, &c.	New York, &c.	Charleston, &c.
		rises.	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*	*rises.*	*sets.*			
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	Tu.	7 10	4 29	7 5	4 34	7 0	4 39	6 45	4 54	6 38	5 0	10 2a	7 42a	6 2a
2	W.	11	29	6	33	1	39	45	54	39	0	10 54	8 34	6 54
3	Th.	12	28	7	33	2	38	46	54	40	0	11 37	9 17	7 37
4	F.	13	28	8	33	2	38	47	54	41	0	· · ·	9 59	8 19
5	S.	14	28	9	32	3	38	48	54	41	0	0 19m	10 39	8 59
6	*Su.*	7 15	4 28	7 10	4 32	7 4	4 38	6 49	4 54	6 42	5 0	0 59m	11 16a	9 36a
7	M.	16	28	11	32	5	38	49	54	43	0	1 36	11 53	10 13
8	Tu.	17	28	12	32	6	38	50	54	44	1	2 13	· · ·	10 52
9	W.	17	28	13	32	7	38	51	54	44	1	2 52	0 32m	11 30
10	Th.	18	28	14	32	8	38	52	54	45	1	3 30	1 10	· · ·
11	F.	19	28	15	32	9	38	53	55	46	1	4 14	1 54	0 14m
12	S.	20	28	15	32	9	39	54	55	46	2	5 6	2 46	1 6
13	*Su.*	7 21	4 28	7 16	4 32	7 10	4 39	6 54	4 55	6 47	5 2	6 12m	3 52m	2 12m
14	M.	22	28	16	33	11	39	55	55	48	2	7 18	4 58	3 18
15	Tu.	22	29	17	33	12	39	56	56	48	2	8 22	6 2	4 22
16	W.	23	29	18	33	12	40	56	56	49	3	9 23	7 3	5 23
17	Th.	24	29	18	33	13	40	57	56	50	3	10 6	7 46	6 6
18	F.	24	29	19	34	14	40	58	57	50	4	10 53	8 33	6 53
19	S.	25	30	20	34	14	41	58	57	51	4	11 36	9 16	7 36
20	*Su.*	7 26	4 30	7 20	4 35	7 15	4 41	6 59	4 58	6 51	5 4	0 20a	10 0m	8 20m
21	M.	26	31	21	35	15	42	59	58	52	5	1 3	10 43	9 3
22	Tu.	26	31	21	36	16	42	7 0	59	52	5	1 47	11 27	9 47
23	W.	27	32	22	36	16	43	0	59	53	6	2 32	0 12a	10 32
24	Th.	27	32	22	37	17	43	1	5 0	53	7	3 22	1 2	11 12
25	F.	28	33	23	37	17	44	1	0	54	7	4 13	1 53	0 13a
26	S.	28	34	23	38	17	44	1	1	54	8	5 11	2 51	1 11
27	*Su.*	7 28	4 34	7 23	4 39	7 18	4 45	7 2	5 2	6 55	5 8	6 21a	4 1a	2 21a
28	M.	29	35	23	39	18	46	2	2	55	9	7 31	5 11	3 31
29	Tu.	29	36	24	40	18	47	2	3	55	10	8 45	6 25	4 45
30	W.	29	37	24	41	19	47	2	4	56	10	9 47	7 27	5 47
31	Th.	30	37	24	42	19	48	3	4	56	11	10 38	8 18	6 38

Passage of the Meridian (mean time) and Declination of the Planets.

	1st day.		7th day.		13th day.		19th day.		25th day.	
	Souths. h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′	*Souths.* h. m.	Dec. ° ′
☿	1 9a	−24 48	0 34a	−23 1	11 38m	−20 40	10 52m	−19 16	10 30m	−19 38
♀	11 35m	−21 5	11 43m	−22 17	11 52	−23 16	0 1a	−23 48	0 10a	−23 54
♂	9 55	−14 42	9 47	−15 58	9 40	−17 10	9 33m	−18 17	9 26m	−19 19
♃	7 31	+ 4 40	7 17	+ 4 0	7 1	+ 3 23	6 46	+ 2 50	6 30	+ 2 21
♄	0 3a	−12 17	11 48	−12 31	11 33	−12 43	11 18	−12 52	11 3	−13 59
♅	7 31	−18 41	7 9a	−18 37	6 48a	−18 29	6 28a	−18 12	6 8a	−18 50
♆	10 53	+13 18	10 24	+13 25	9 56	+13 35	9 28	+13 48	9 2	+14 4
☉	[0 4m / 11 56a]	[21 30 / 21 29]	11 32	−21 23	11 5	−21 17	10 38	−21 11	10 12	−21 6
☽	5 10	−14 35	4 48	−14 28	4 26	−14 19	4 4	−14 9	3 42	−13 58
♇	7 58	+ 3 31	7 34	+ 3 29	7 10	+ 3 28	6 47	+ 3 28	6 23	+ 3 29

Days of Month.	Moon Souths. Mean Time.	Moon rises or sets. Mean Time. Boston, &c.	N. York, &c.	Wash'ton, &c.	Cha'ston, &c.	N. Orl's, &c.
	h. m.	*rises.* h. m.	*rises.* h. m.	*rises.* h. m.	*rises.* h. m.	*rises.* h. m.
1	11 12a	3 51a	3 54a	4 0a	4 12a	4 17a
2	☌	4 38	4 42	4 47	5 1	5 7
3	0 5m	5 30	5 34	5 39	5 54	6 0
4	0 59	6 25	6 29	6 34	6 48	6 54
5	1 50	7 21	7 24	7 29	7 42	7 49
S.	2 40m	8 19a	8 22a	8 26a	8 37a	8 42a
7	3 27	9 16	9 19	9 22	9 31	9 35
8	4 12	10 13	10 15	10 18	10 23	10 26
9	4 55	11 10	11 12	11 13	11 17	11 19
10	5 37	. . .	. . .	. . .	. . .	. . .
11	6 20	0 8m	0 8m	0 8m	0 9m	0 10m
12	7 3	1 5	1 5	1 5	1 3	1 3
S.	7 47m	2 4m	2 3m	2 2m	1 57m	1 57m
14	8 34	3 4	3 2	2 59	2 53	2 51
15	9 23	4 6	4 4	4 0	3 50	3 47
16	10 15	*sets.*	*sets.*	*sets.*	*sets.*	*sets.*
17	11 10	4 8a	4 13a	4 18a	4 32a	4 39a
18	0 8a	5 7	5 12	5 16	5 30	5 38
19	1 6	6 11	6 15	6 21	6 34	6 39
S.	2 4a	7 19a	7 22a	7 27a	7 38a	7 44a
21	3 0	8 29	8 33	8 36	8 44	8 49
22	3 54	9 41	9 43	9 45	9 50	9 53
23	4 47	10 51	10 51	10 53	10 55	10 57
24	5 38	. . .	. . .	. . .	11 59	. . .
25	6 29	0 1m	0 1m	0 0m	. . .	0 0m
26	7 21	1 9	1 8	1 7	1 2m	1 2
S.	8 12a	2 17m	2 15m	2 12m	2 6m	2 4m
28	9 5	3 22	3 20	3 16	3 6	3 3
29	9 57	4 25	4 22	4 18	4 6	4 3
30	10 50	5 25	5 21	5 16	5 3	5 0
31	11 41	6 18	6 14	6 10	5 56	5 53

PHENOMENA AND OBSERVATIONS.

Sundays and Holidays.

	Washington Mean Time. d. h. m.	
1	2 2 8m. ☿ stationary.	° ′
2	2 7 16a. ♂ ☌ ♆	♆ 2 51 N.
3	3 8 21a. ☌ ☌ ☉	
4	4 10 26m. ♂ ☌ ☉	
5	6 11 14m. ☿ in ♌	
S.	*2d Sunday in Advent.*	
7	8 5 4a. ♂ ♀ ☌	☌ 9 57 N.
8	10 11 12m. ♀ in ♍	
9	11 0 50m. ☿ in Perihelion.	
10	11 6 51a. Inf. ♂ ☿ ☉	
11	12 5 14m. ♂ ☿ ♀	☿ 1 57 N.
12	14 5 27m. ♂ ☿ ☌	☿ 7 38 S.
S.	*3d Sunday in Advent.*	
14	15 4 22a. ♂ ♂ ☾	♂ 1 45 S.
15	17 3 33a. sup. ♂ ♀ ☉	
16	17 8 45m. ♂ ☿ ☾	☿ 0 50 S
17	18 8 29m. ♂ ♀ ☾	♀ 4 44 S.
18	19 0 45m. □ ♀ ☉	
19	20 1 11m. ♅ stationary.	
S.	*4th Sund. in Advent.* Mahom'a year 1263 begins.	
21	St. Thomas.	
22	21 8 37m. ☿ gr. Hel. Lat. N.	
23	21 8 47a. ☿ stationary.	
24	21 11 4a. ☉ ent. ♑ Win. beg.	
25	Christmas Day.	
26	22 3 17a. ♂ ♄ ☾	♄ 6 7 S.
S.	*1st Sunday after Christmas.*	
28	25 3 18a. ♂ ♅ ☾	♅ 2 7 S.
29	29 8 27a. ♂ ♆ ☾	♆ 2 46 N.
30	31 9 40m. ♂ ♃ w^1 ♏ ✶	0 1 N.
31	31 9 41a. ☿ gr. elon. 22 41 W.	

ECLIPSES IN 1846.

In the year 1846, there will be only two eclipses; both of the Sun, one of which will be visible in the United States, and the other invisible.

I. Saturday, April 25th. **An annular and total Eclipse of the Sun, partially visible in the United States.**

Beginning of the general eclipse at 8h. 54.3m. M. [Mean Time at Washington,] in latitude 6° 15′ South, and longitude 119° 40′ West of Greenwich.

Beginning of the annular eclipse at 9h. 55.2m. M. in latitude 2° 11′ S. and longitude 135° 51′ W. of Greenwich.

† Beginning of the total eclipse at 10h. 8.9m. M. in latitude 2° 0′ N. and longitude 113° 9′ West of Greenwich.

Central eclipse at Noon, at 11h. 47.8m. M. in latitude 25° 21′ N. and longitude 74° 31′ West of Greenwich.

† End of the total eclipse at 1h. 12.5m. A. in latitude 30° 32′ N. and longitude 34° 14′ West of Greenwich.

End of the annular eclipse at 1h. 29.5m. A. in latitude 24° 56′ N. and longitude 3° 43′ West of Greenwich.

End of the general eclipse at 2h. 30.4m. A. in latitude 20° 52′ N., and longitude 20° 4′ West of Greenwich.

This eclipse will be visible throughout Mexico, Texas, the United States, Canada, New Brunswick, Nova Scotia, Newfoundland, Central America, the regions of South America north of the Equator, the West India Islands, the south of Greenland, Iceland, Great Britain, France, Spain, Holland, the Netherlands, and the north-western portion of Africa. Being a large eclipse in both Europe and America, *it will be exceedingly valuable for determining the relative longitudes of places upon the two continents.*

The total eclipse will pass over the north of Guatemala, and across the island of Cuba; and the central line will pass over the following points on the earth's surface:

Latitude.	Longitude W. from Greenw'h.	Latitude.	Longitude W. from Greenw'h.
° ′	° ′	° ′	° ′
2 11S.	135 51	29 25N.	61 3
1 19N.	123 26	30 52	46 37
5 38	112 7	30 4	31 37
11 18	100 36	27 58	17 48
17 37	89 33	24 56	3 43
25 21	74 31		

† The change of the central eclipse from the annular to the total phase is not distinctly mentioned in the Nautical Almanac; but the marks upon the chart in that work show that this most obvious fact was not overlooked by the computers of that Almanac.

The phases of the eclipse for all places in the United States may be determined from the following tables. The Sun's semi-diameter and horizontal parallax are the same as at conjunction:

The following table of elements will serve to calculate the eclipse for any place in the United States.

Greenw'h. M. Time.	☽'s Hour angle for Greenw.	☉'s R. A. less ☽'s R. A.	☉'s Dec. North.	☽'s Dec. North.	Rel. hourly motion in R. A.	Rel. hourly motion in Dec.	☽'s Hor. Par.	For Interval of	Change in ☽'s hour angle.	Change in Relat. R. A.
h. m.	° ′ ″	″	13° ′ ″	13° ′ ″	″	″	″	m. s.	′ ″	″
3 0	46 32 56	—3657.3	11 46.8	8 57.8	1893.0	464.1	3476.7	0 10	2 25	5.3
5	47 45 19	—3499.6	50.9	9 40.5	.0	463.7	.6	0 20	4 50	10.5
10	48 57 41	—3341.9	54.9	10 23.2	.1	.3	.4	0 30	7 14	15.8
15	50 10 4	—3184.1	59.0	11 5.9	.1	462.9	.3	0 40	9 39	21.0
20	51 22 27	—3026.4	12 3.1	11 48.5	.1	.5	.2	0 50	12 4	26.3
25	52 34.50	—2868.6	7.2	12 31 2	.2	.1	.0	1 0	14 29	31 5
30	53 47 13	—2710.8	11.3	13 13.7	.2	461.7	3475.9	1 10	16 54	36.8
35	54 59 36	—2553.0	15.4	13 56.2	.2	.3	.8	1 20	19 18	42.1
40	56 11 58	—2395.2	19.4	14 38.7	.3	460.9	.7	1 30	21 43	47.3
45	57 24 21	—2237.5	23.5	15 21.1	.3	.5	.6	1 40	24 8	52.6
50	58 36 44	—2079.9	27.6	16 3.6	.4	.1	.5	1 50	26 33	57.9
55	59 49 7	—1921 9	31.6	16 46.0	.4	459.7	.3	2 0	28 58	63.1
4 0	61 1 30	—1764.1	35.7	17 28.4	.5	.3	.2	2 10	31 22	68.4
5	62 13 53	—1606.3	39.8	18 10.7	.5	458.9	.1	2 20	33 47	73.6
10	63 26 15	—1448.5	43.8	18 53.0	.6	.5	3474.9	2 30	36 12	78.9
15	64 38 38	—1290.7	47.9	19 35.3	.6	.1	.8	2 40	38 37	84.2
20	65 51 1	—1132 9	52.0	20 17.5	.6	457.7	.7	2 50	41 2	89.4
25	67 3 24	— 975.1	56.0	20 59.7	.7	.3	.5	3 0	43 25	94.7
30	68 15 47	— 817 3	13 0.1	21 41.9	.7	456.9	.4	3 10	45 50	99.9
35	69 28 10	— 659.5	4.1	22 24.0	.7	.5	.3	3 20	48 15	105.2
40	70 40 32	— 501.6	8.1	23 6.1	.7	.0	.1	3 30	50 40	110.5
45	71 52 55	— 343.8	12.2	23 48.2	.8	455.6	.0	3 40	53 5	115.7
50	73 5 18	— 186.0	16.3	24 30.2	.8	2	3473.9	3 50	55 29	121.0
55	74 17 40	— 28.2	20.3	25 12.1	.8	451.8	.8	4 0	57 54	126.2
5 0	75 30 3	+ 129.6	24.4	25 54.1	.8	.4	.7	4 10	60 19	131.5
5	76 42 26	287.4	28.5	26 36.0	.9	.0	.6	4 20	62 44	136.8
10	77 54 49	445.2	32.5	27 17.9	.9	453.6	.4	4 30	65 9	142.0
15	79 7 12	603.1	36.6	27 59.7	.9	2	.3	4 40	67 33	147.3
20	80 19 35	760.9	40.7	28 41.5	1894.0	452.8	.2	4 50	69 58	152.5
25	81 31 58	918.7	44.7	29 23.3	.0	.4	.1	5 0	72 23	157.8
30	82 44 20	1076.6	48.8	30 5.1	.0	.0	.0			
35	83 56 43	1234.4	52.9	30 46.8	.0	451.5	3472.9			
40	85 9 6	1392.2	56.9	31 28.5	.1	.1	.7			
45	86 21 28	1550.1	14 1.0	32 10.2	.1	450.7	.6			
50	87 33 51	1707.9	5.1	32 51.8	.1	.3	.5			
55	88 46 14	1865.7	9.2	33 33.4	.2	449.9	.3			
6 0	89 58 36	2023.6	13.3	34 14.9	.2	.5	.2			
5	91 10 59	2181.5	17.4	34 56.4	.2	.0	.1			
10	92 23 22	2339 4	21.4	35 37.9	.2	448.7	3471.9			
15	93 35 44	2497.2	25.5	36 19.3	.2	.2	.2			
20	94 48 7	2655.1	29.6	37 0.7	.3	447.8	.7			
25	96 0 30	2813.0	33.6	37 42.1	.3	.4	.6			
30	97 12 52	2970.7	37.7	38 23.4	.3	446.9	.5			
35	98 25 15	3128 6	41.8	39 4.6	.3	.5	.4			
40	99 37 38	3286 5	45.9	39 45.8	.4	1	.3			
45	100 50 0	3444.3	49.9	40 27.1	.4	445.6	.1			
50	102 2 23	3602.2	54.0	41 8.2	.4	.2	.0			
55	103 14 46	3760.1	58.1	41 49.4	.5	444.8	3470.8			
7 0	104 27 8	3917.9	15 2.2	42 36.6	.5	.3	.7			

Beginning of the Eclipse in Mean Time of Place.

W. Lon. fm. Gr.	Geographical Latitude.								Long.
	45°	44°	43°	42°	41°	40°	39°	38°	
°	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	°
100	9 2 32.3	8 59 4.7	8 55 40.7	8 52 20.2	8 49 3.2	8 45 49.6	8 42 39.5	8 39 33.1	100
99	6 44.4	9 3 18.6	59 56.2	56 37.3	53 21.9	50 9.9	47 1.3	43 56.2	99
98	10 59.1	7 35.1	9 4 14.3	9 0 57.1	57 43.3	54 32.8	51 26.8	48 22.0	98
97	15 16.3	11 54.1	8 35.1	5 29.5	9 2 7.3	58 58.4	55 52.9	52 50.6	97
96	19 36.2	16 15.8	12 58.6	9 44.7	6 34.1	9 5 26.7	9 0 22.8	57 22.0	96
95	23 58.7	20 40.1	17 24.7	14 12.6	11 3.6	7 57.8	4 55.4	9 1 56.3	95
94	28 23.7	25 7.1	21 53.5	18 43 1	15 35.8	12 31.8	9 30.9	6 33.0	94
93	32 51.2	29 36.6	26 25.0	23 16.3	20 10.8	17 8.4	14 9.1	11 12.6	93
92	37 21.3	34 8.7	30 59.1	27 52.2	24 48.5	21 47.7	18 50.0	15 55.0	92
91	41 54.0	38 43.4	35 35.8	32 30.8	29 28.9	26 29.7	23 33.6	20 40.2	91
90	46 29.4	43 20.8	40 15.0	37 12.1	34 11.9	31 14.5	28 19.9	25 28.1	90
89	51 7.4	48 0.8	44 56.9	41 53.9	38 57.5	36 1.9	33 8 8	30 18.9	89
88	55 47.9	52 43.4	49 41.4	46 42.3	43 45.7	40 51.9	38 0.6	35 12.4	88
87	10 0 30.9	57 28.5	54 28.4	51 31.4	48 36.7	45 44.6	42 55 2	40 8.7	87
86	5 16.4	10 2 16.1	59 18.1	56 23.0	53 30.3	50 40.0	47 52 6	45 7.8	86
85	10 4.4	7 6.1	10 4 10.4	10 1 17.2	58 26.5	55 38.2	52 52.7	50 9.8	85
84	14 54.5	11 58.7	9 5.2	6 14.0	10 3 25.6	10 0 39.3	57 55.9	55 14.8	84
83	19 47.1	16 53.7	14 2.4	11 13.4	8 27.2	5 43.0	10 3 1.7	10 0 22.6	83
82	24 42.1	21 51.1	19 2.1	16 15.5	13 31.4	10 49.4	8 10.2	5 33.2	82
81	29 39.5	26 50.9	24 4.2	21 20.1	18 38.2	15 58.5	13 21.4	10 46 6	81
80	34 39.2	31 53.1	29 9.1	26 27.3	23 47.7	21 10.4	18 35.4	16 2.8	80
79	39 41.4	36 57.8	34 16.5	31 37.1	28 59.9	26 25.0	23 52.2	21 21.9	79
78	44 45.9	42 4.9	39 26.2	36 49.3	34 14.5	31 42.1	29 11.6	26 43.6	78
77	49 52.6	47 14.3	44 38.3	42 3.9	39 31.6	37 1.7	34 33.7	32 8.0	77
76	55 1.5	52 26.0	49 52.6	47 20.9	44 51.2	42 23.8	39 58.3	37 35.1	76
75	11 0 12.5	57 39.9	55 9.2	52 40.3	50 13.4	47 48.4	45 25.5	43 5.0	75
74	5 25.7	11 2 55.9	11 0 28.2	58 2.1	55 38.0	53 15.9	50 55.7	48 37.9	74
73	10 40.7	8 13.9	5 49.2	11 3 26.0	11 1 4.7	58 45.6	56 28 2	54 13.2	73
72	15 57.6	13 33.8	11 12.1	8 51.9	6 33.6	11 4 17.5	11 2 3.1	59 50.9	72
71	21 16.4	18 55.8	16 37.1	14 20.0	12 4.7	9 51.6	7 40.2	11 5 31.0	71
70	26 37.2	24 19.8	22 4.1	19 50.2	17 38.1	15 27.9	13 19.6	11 13.5	70
69	31 59.6	29 45.1	27 32.7	25 21.9	23 12.9	21 6.2	19 0.9	16 56.0	69
68	37 23.6	35 12.2	33 3.0	30 55.4	28 49 6	26 46.3	24 44.2	22 44.6	68
67	42 49.2	40 41.0	38 35.0	36 30.6	34 28.2	32 28.3	30 29.4	28 33.2	67
66	48 16.4	46 11.5	44 8.7	42 7.7	40 8.7	38 12.0	36 16.7	34 24.0	66
65	53 45.2	51 43.6	49 44.1	47 46.6	45 51.1	43 57.5	42 6.0	40 16.9	65
	45°	44°	43°	42°	41°	40°	39°	38°	

Beginning of Eclipse in Mean Time of Place.

Long.	Geographical Latitude.								Long.
	37°	36°	35°	34°	33°	32°	31°	30°	
°	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	°
100	8 36 30.3	8 33 31.1	8 30 35.4	8 27 43.6	8 24 55.5	8 22 11.1	8 19 30.4	8 16 53.4	100
99	40 54.9	37 56.8	35 2.6	32 11.6	29 24.3	26 40.7	24 0.7	21 24.3	99
98	45 22.2	42 25.3	39 32.4	36 42.4	33 56.0	31 13.3	28 33.9	25 58.2	98
97	49 52.3	46 56.7	44 4.9	41 16.1	38 30.6	35 48.8	33 10.1	30 35·2	97
96	54 25.0	51 30.8	48 40.2	45 52.5	43 8.1	40 27.2	37 49.3	35 15.1	96
95	59 0.4	56 7.7	53 18.1	50 31.7	47 48.5	45 8.4	42 31.6	39 58.0	95
94	9 3 38.5	9 0 47.0	57 58.7	55 13.6	52 31.4	49 52.5	47 16.6	44 43.8	94
93	8 19.5	5 29.2	9 2 52.2	59 58.4	57 17.3	54 39.6	52 4.7	49 32.8	93
92	13 3.3	10 14.3	7 58.7	9 4 46.1	9 2 6.3	59 29.6	56 55.8	54 25.1	92
91	17 49.9	15 2.3	12 18.0	9 36.7	6 58.2	9 4 22.7	9 1 50.1	59 20.5	91
90	22 39.2	19 53.2	17 10.2	14 30.2	11 53.1	9 18·8	6 47.5	9 4 19.1	90
89	27 31.4	24 47.1	22 5.5	19 26.8	16 51.2	14 18.1	11 48.1	9 21.0	89
88	32 26.6	29 43.9	27 3.6	24 26.5	21 52.4	19 20.6	16 51.9	14 26.2	88
87	37 24.7	34 43.7	32 5.1	29 29.3	26 56.6	24 26.3	21 59.0	19 34.6	87
86	42 25.7	39 46.3	37 9.4	34 35.2	32 4.0	29 35.2	27 9.4	24 46.4	86
85	47 29.5	44 51.8	42 16.7	39 44.2	37 14.5	34 47.3	32 23.2	30 1.5	85
84	52 36.3	50 0.6	47 27.3	44 56.4	42 28.4	40 2.9	37 40.3	35 20.4	84
83	57 46.0	55 12.3	52 40.8	50 11.8	47 45.5	45 21.8	43 0.8	40 42.7	83
82	10 2 58.7	10 0 26.9	57 57.3	55 30.3	53 5.9	50 43.9	48 24.8	46 8.3	82
81	8 14.2	5 44.4	10 3 16.8	10 0 51.9	58 29.4	56 9.4	53 52.1	51 37.4	81
80	13 32.6	11 4.8	8 39.4	6 16.5	10 3 56.1	10 1 38.2	59 22.8	57 9.9	80
79	18 53.9	16 28.2	14 5 0	11 44.2	9 26.0	7 10.3	10 4 57.1	10 2 46.4	79
78	24 17.9	21 54.5	19 33.5	17 15.0	14 59.1	12 45.7	10 34.8	8 26.5	78
77	29 44.7	27 23.8	25 5.1	22 49.0	20 35.4	18 24.5	16 15.9	14 10.0	77
76	35 14.3	32 55.9	30 39.6	28 26.0	26 14.9	24 6.4	22 0.4	19 57.1	76
75	40 46.8	38 30.9	36 17.2	34 6.1	31 57.6	29 51.6	27 48.3	25 47.6	75
74	46 22.4	44 9.1	41 58.2	39 49.8	37 43.8	35 40.5	33 40.0	31 42.1	74
73	52 0.5	49 50.0	47 41.9	45 36.2	43 32.9	41 32.5	39 34.9	37 39.9	73
72	57 41.0	55 33.5	53 28.2	51 25.4	49 25.0	47 27.6	45 32.9	43 41.0	72
71	11 3 24.1	11 1 19.6	59 17.3	57 17.4	55 20.1	53 25.8	51 34.2	49 45.4	71
70	9 9.7	7 8.2	11 5 9.1	11 3 12.3	11 1 18.3	59 27.1	57 38.7	55 53.1	70
69	14 57.4	12 59.1	11 3.5	9 9.8	7 18.7	11 5 30.8	11 3 45.7	11 2 4.0	69
68	20 47.3	18 52.4	17 0.2	15 9.8	13 21.9	11 37.4	9 55.7	8 17.7	68
67	26 39.5	24 48.0	22 59.2	21 12.3	19 27.9	17 47.0	16 8.8	14 34.3	67
66	32 33.8	30 45.9	29 0.5	27 17.3	25 36.7	23 59.4	22 24.8	20 53.6	66
65	38 30.3	36 46.0	35 4.1	33 24.8	31 48.3	30 14.7	28 43.8	27 15.7	65
	37°	36°	35°	34°	33°	32°	31°	30°	

Angle of the first point of contact from the vertex of the Sun's limb toward the West; and, in an inverting telescope, from the lowest point of the Sun's limb toward the East.

Long.	Geographical Latitude.															
	45°	44°	43°	42°	41°	40°	39°	38°	37°	36°	35°	34°	33°	32°	31°	30°
°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
100	122.3	119.2	116.2	113.2	110.2	107.2	104.2	101.2	98.3	95.4	92.5	89.7	86.9	84.2	81.5	78.8
99	121.6	118.8	115.7	112.7	109.7	106.7	103.7	100.7	97.7	94.8	91.9	89.1	86.3	83.5	80.8	78.1
98	121.7	118.4	115.3	112,3	109.2	106.2	103.2	100.2	97.2	94.3	91.4	88.6	85.8	82.9	80.2	77.5
97	121.3	118.1	115.0	111 9	108.8	105.8	102.8	99.8	96.8	93.9	91.0	88.2	85.3	82.4	79.7	76.9
96	121.0	117.8	114.7	111.6	108.5	105.5	102.5	99.5	96.5	93.6	90.7	87.8	84.9	82.0	79.2	76.4
95	120.8	117.6	114.5	111.4	108.3	105.2	102.2	99.2	96.2	93.3	90.4	87.5	84.6	81.7	78.8	76 0
94	120.6	117.4	114.3	111.1	108.1	104.9	101.9	98.9	95.9	93.0	90.0	87.1	84 2	81.3	78.4	75.5
93	120.5	117.3	114.2	110.9	107.9	104.7	101.7	98.6	95.6	92.7	89.7	86.7	83.8	80.9	78.0	75.0
92	120.4	117.2	114.1	110.8	107.7	104.5	101.5	98.4	95.4	92.4	89.4	86.4	83.4	80.5	77.6	74.6
91	120.3	117.1	114.0	110.7	107.6	104.4	101.3	98.2	95.2	92.1	89.1	86.1	83.1	80.1	77.2	74.2
90	120.3	117.1	113.9	110.7	107.5	104.3	101.2	98.1	95.0	91.9	88.8	85.8	82.8	79.8	76.8	73.8
89	120.3	117.1	113.9	110.7	107.5	104.3	101.1	98.0	94.9	91.8	88.6	85.6	82.5	79.5	76.5	73.4
88	120.4	117.2	113.9	110.7	107.5	104.3	101.1	98.0	94.9	91.7	88.5	85.4	82.3	79.2	76.2	73.1
87	120.5	117.3	114.0	110.8	107.6	104.4	101.1	98.0	94.9	91.7	88.5	85.3	82.1	79.0	75.9	72.8
86	120.6	117.4	114.1	110.9	107.7	104.5	101.2	98.0	94.9	91.7	88.5	85.2	82.0	78.8	75.7	72.5
85	120.8	117.5	114.2	111.0	107.8	104.6	101.3	98.1	94.9	91.7	88.5	85.2	81.9	78.7	75.5	72.3
84	121.1	117.7	114.4	111.2	108.0	104.8	101.5	98.2	95.0	91.7	88.4	85.2	81.8	78.6	75.4	72.2
83	121.4	118.0	114.7	111.5	108.3	105.1	101.8	98.4	95.1	91.8	88.4	85.2	81.8	78.6	75.4	72.2
82	121.8	118.4	115.1	111.9	108.7	105.5	102.1	98.7	95.3	91.9	88.4	85.2	81.8	78.6	75 4	72.2
81	122.3	118.9	115.6	112.4	109.2	106.0	102.5	99.0	95.5	92.0	88.5	85.2	81.9	78.6	75.4	72.2
80	122.8	119.5	116.2	113.0	109.8	106.6	103.0	99.4	95.8	92.2	88.6	85.3	82.0	78.7	75.5	72.3
79	123.4	120.1	116.8	113.6	110.4	107.2	103.6	100.0	96.4	92.6	89.0	85.8	82.3	79.0	75.7	72.5
78	124.0	120.8	117.5	114.3	111.1	107.9	104.3	100.7	97·1	93.3	89.7	86.2	82.8	79.5	76.1	72.9
77	124.7	121.5	118.2	115.0	111.8	108.7	105.1	101.5	98.0	94.2	90.6	87.1	83.6	80.2	76.7	73.4
76	125.5	122.3	119 0	115.8	112.6	109.5	106.0	102.4	99.0	95.3	91.8	88 2	84.6	81.1	77.5	74.0
75	126.3	123.1	119.9	116.7	113.5	110.4	106.9	103.5	100.1	96.7	93.3	89.6	85.9	82.2	78.5	74.8
74	127.2	124.0	120.9	117.7	114.5	111.5	108.0	104.7	101.3	98.0	94.7	91.0	87.2	83.4	79.6	75.8
73	128.2	125.0	122.0	118.8	115.6	112.7	109.2	106.0	102.6	99.4	96.1	92.4	88.6	84.7	80.8	76.9
72	129.2	126.1	123.1	120.0	116.8	144.0	110.5	107.3	104.0	100.8	97.5	93.8	90.0	86.1	82.1	78.2
71	130.3	127.3	124.3	121.3	118 2	115.3	111.9	108.7	105.4	102.2	98.9	95.2	91.4	87.5	83.6	79.7
70	131.4	128.5	125.6	122.7	119 7	116.7	113.5	110.2	106.9	103.6	100.3	96.6	92.8	89.0	85.2	81.4
69	132.5	129.7	126.9	124.1	121.2	118.2	115.1	111.9	108.6	105.3	102.0	98.3	94.5	90.8	87.1	83.4
68	133.7	131.0	128.3	125.6	122.7	119.8	116.8	113.7	110.5	107.2	104.0	100.3	96.5	92.9	89.3	85.7
67	135.0	132.4	129.7	127.1	124.3	121.6	118.6	115.6	112.5	109.3	106.2	102.6	98.9	95.3	91.8	88.3
66	136.3	133.8	131.2	128.7	126.0	123.4	120.5	117.6	114.6	111.6	108.6	105.2	101.6	98.1	94.6	91.2
65	137.7	135.3	132.8	130.3	127.8	125.3	122.5	119.7	116.9	114.1	111.3	108.0	104.6	101.2	97.8	94.4
	45°	44°	43°	42°	41°	40°	39°	38°	37°	36°	35°	34°	33°	32°	31°	30°

Angle of the first point of contact from the northern point of the Sun's limb towards the West and in an inverting telescope, from the southern point of the Sun's limb towards the East.

Geographical Latitude.																Long.
45°	44°	43°	42°	41°	40°	39°	38°	37°	36°	35°	34°	33°	32°	31°	30°	
°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
163.0	161.5	160.0	158.5	157.0	155.5	154.0	152.5	151.0	149.5	148.1	146.7	145.3	143.9	142.5	141.1	100
162.1	160.6	159.1	157.6	156.1	154.6	153.2	151.7	150.2	148.7	147.3	145.9	144.5	143.1	141.7	140.3	99
161.3	159.8	158.3	156.8	155.3	153.8	152.4	150.9	149.4	147.9	146.5	145.1	143.7	142.3	140.9	139.6	98
160.5	159.0	157.5	156.0	154.5	153.0	151.6	150.1	148.6	147.2	145 8	144.4	143.0	141.6	140.2	138.9	97
159.7	158.2	156.7	155.2	153.7	152.2	150.8	149.3	147.9	146.5	145.1	143.7	142.3	140.9	139.5	138.2	96
158.9	157.4	155.9	154.4	152.9	151.4	150.0	148.6	147.2	145.8	144.4	143.0	141.6	140.2	138 8	137.5	95
158.1	156.6	155.1	153.6	152.1	150.6	149.2	147.8	146.4	145.0	143.6	142.2	140.8	139.4	138.0	136.7	94
157.3	155.8	154.3	152.8	151.3	149.8	148.4	147.0	145.6	144.2	142.8	141.4	140.0	138.6	137.2	135.9	93
156.5	155.0	153 5	152.0	150.5	149.0	147.6	146.2	144.8	143.4	142.0	140.6	139.2	137.8	136.5	135 2	92
155.7	154.2	152.7	151.2	149.7	148.3	146.9	145.5	144.1	142.7	141.3	139.9	138.5	137.1	135.8	134.5	91
155.0	153.5	152 0	150.5	149.0	147.6	146.2	144.8	143.4	142.0	140.6	139.2	137.8	136.4	135.1	133.8	90
154.2	152.7	151.2	149.7	148.2	146.8	145.4	144.0	142.6	141.2	139 8	138.4	137.0	135.6	134.3	133 0	89
153.4	151.9	150.4	148.9	147.4	146.0	144.6	143.2	141 8	140.4	139.0	137 6	136.2	134.8	133.5	132.2	88
152.6	151.1	149.6	148.1	146.7	145 3	143.9	142.5	141.1	139.7	138.3	136.9	135.5	134.1	132.7	131.4	87
151.9	150.4	148.9	147.4	146.0	144.6	143.2	141.8	140.4	139.0	137.6	136.2	134.8	133.4	132.0	130.7	86
151.2	149.7	148.2	146.7	145.3	143.9	142.5	141.1	139.7	138 3	136.9	135.5	134.1	132.7	131.3	130.0	85
150.5	149.0	147.5	146.0	144.5	143.1	141.7	140.3	138.9	137.5	136.1	134.7	133.3	131.9	130.5	129.2	84
149.8	148.3	146.8	145.3	143.8	142.4	140.9	139.5	138.1	136.7	135.3	133.9	132.5	131.1	129.7	128.4	83
149.1	147.6	146.1	144.6	143.1	141.7	140.2	138.8	137.4	136.0	134.6	133.2	131.8	130.4	129.0	127.6	82
148.4	146.9	145.4	143.9	142.4	141.0	139.5	138.1	136.7	135.3	133.9	132 5	131 1	129.7	128.3	126.9	81
147.7	146.2	144.7	143.2	141.7	140.3	138.8	137.4	136.0	134.6	133.2	131.8	130.4	129.0	127.6	126.2	80
147.0	145.5	144.0	142.5	141.0	139.6	138.1	136.6	135.2	133.8	132.4	131.0	129.6	128.2	126.8	125.4	79
146.3	144.8	143.3	141.8	140.3	138.9	137.4	135.9	134.5	133.1	131.7	130.2	128.8	127.4	126.0	124.6	78
145.6	144.1	142.6	141.1	139.6	138.2	136.7	135.2	133.8	132.4	131.0	129.5	128.0	126.6	125.2	123.8	77
145.0	143.4	141.9	140.4	138.9	137.5	136.0	134.5	133.1	131.7	130.3	128.8	127.3	125.9	124.5	123.1	76
144.4	142.8	141.3	139.8	138.3	136.8	135.3	133.8	132.4	131.0	129.6	128.1	126.6	125.2	123.8	122.4	75
143.7	142.1	140.6	139.1	137.6	136.1	134.6	133.1	131.7	130.3	128.9	127.4	125.9	124.4	123.0	121.6	74
143.1	141.5	139.9	138.4	136.9	135.4	133.9	132.4	131.0	129 6	128.2	126.7	125.2	123.7	122 2	120.8	73
142.5	140.9	139.3	137.8	136.3	134 8	133.3	131.8	130 3	128.9	127.5	126.0	124.5	123.0	121.5	120.1	72
141.9	140.3	138.7	137.2	135.7	134.2	132.7	131.2	129.7	128.2	126.8	125.3	123.8	122.3	120.8	119.4	71
141.3	139.7	138.1	136.6	135.1	133.6	132.1	130.6	129.1	127.6	126.1	124.6	123.1	121.6	120.1	118.7	70
140.7	139.1	137.5	136.0	134.5	132.9	131.4	129.9	128.4	126.9	125.4	123.9	122.4	120.9	119.4	117.9	69
140.1	138.5	136.9	135.4	133.9	132.3	130.7	129.2	127.7	126.2	124.7	123.2	121.7	120.2	118.7	117.2	68
139.5	137.9	136.3	134.8	133.3	131.7	130.1	128.5	127.0	125.5	124.0	122.5	121.0	119.5	118.0	116.5	67
139.0	137.4	135.8	134.2	132.7	131.1	129.5	127.9	126.4	124.9	123.4	121.8	120.3	118.8	117.3	115.8	66
138.5	136.9	135.3	133.7	132,1	130.5	128.9	127.3	125.8	124.3	122.8	121.2	119.6	118.1	116.6	115.1	65
45°	44°	43°	42°	41°	40°	39°	38°	37°	36°	35°	34°	33°	32°	31°	30°	

Angle of last point of contact from the northern point of the Sun's limb toward the East; or, in an inverting telescope, from the southern point of the Sun's limb toward the West.

Long.	Geographical Latitude.															
	45°	44°	43°	42°	41°	40°	39°	38°	37°	36°	35°	34°	33°	32°	31°	30°
°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
100	118.5	116.6	114.7	112.8	110.9	109.0	107.2	105.4	103.6	101.9	100.2	98.5	96.8	95.1	93.4	91.8
99	117.7	115.8	113 9	112.0	110.1	108.2	106.4	104.6	102.8	101.1	99.4	97.7	96.0	94.3	92.6	91.0
98	116.9	115.0	113.1	111.2	109.3	107.4	105.6	103.8	102.0	100.3	98.6	96 9	95.2	93.5	91.8	90.2
97	116.1	114.2	112.3	110.4	108.5	106.6	104.8	103.0	101.2	99.5	97.8	96.1	94.4	92.7	91.0	89.4
66	115.3	113.4	111.5	109.6	107.7	105.8	104.0	102.2	100.4	98.7	97.0	95.3	93.6	91.9	90.2	88.6
95	114.5	112.6	110.7	108.8	106.9	105.1	103.3	101.5	99.7	98.0	96.3	94.6	92.9	91.2	89.5	87.8
94	113.8	111.9	110.0	108.1	106.2	104.4	102.6	100.8	99.0	97.3	95.6	93.9	92.2	90.5	88.8	87.1
93	113.1	111.2	109.3	107.4	105.5	103.7	101.9	100.1	98.3	96.6	94.9	93.2	91.5	89.8	88.1	86.4
92	112.4	110.5	108.6	106.7	104.8	103.0	101.2	99.4	97.6	95.9	94.2	92.5	90.8	89.1	87.4	85.7
91	111.7	109.8	107.9	106.0	104.1	102.3	100.5	98.7	96.9	95.2	93.5	91.8	90.1	88.4	86.7	85.0
90	111.0	109.1	107.2	105.3	103 5	101.7	99.9	98.1	96.3	94.6	92.9	91.1	89.4	87.7	86.0	84.3
89	110.4	108.5	106.6	104.7	102.9	101.1	99.3	97.5	95.7	94.0	92.3	90.5	88.7	87.0	85.3	83.6
88	109.8	107.9	106.0	104.1	102.3	100.5	98.7	96.9	95.1	93.4	91.7	89.9	88.1	86.4	84.7	83.0
87	109.2	107.3	105.4	103.5	101.7	99.9	98.1	96.3	94.5	92.8	91.1	89 3	87.5	85.8	84.1	82.4
86	108.6	106.7	104.8	102.9	101.1	99.3	97.5	95.7	93.9	92.2	90.5	88.7	86.9	85.2	83.5	81.8
85	108.1	106 2	104.3	102.4	100.6	98.8	97.0	95.2	93.4	91.6	89 9	88.1	86.3	84.6	82.9	81.2
84	107.6	105.7	103.8	101.9	100.1	98.3	96.5	94.7	92.9	91.1	89.4	87.6	85.8	84.1	82.4	80.7
83	107.1	105.2	103.3	101.4	99.6	97.8	96.0	94.2	92.4	90.6	88.9	87.1	85.3	83.6	81.9	80.2
82	106.6	104.7	102.8	100.9	99.1	97.3	95.5	93.7	91.9	90.1	88.4	86.6	84.8	83.1	81.4	79.7
81	106.2	104.3	102.4	100.5	98.7	96.9	95.1	93.3	91.5	89.7	87.9	86.1	84.3	82.6	80.9	79.2
80	105.8	103.9	102.0	100.1	98.3	96.5	94.7	92.9	91.1	89.3	87.5	85.7	83.9	82.1	80.4	78.7
79	105.4	103.5	101.6	99.7	97.9	96.1	94.3	92.5	90.7	88.9	87.1	85.3	83.5	81.7	80.0	78.3
78	105.0	103.1	101·2	99.3	97.5	95.7	93.9	92.1	90.3	88.5	86.7	84 9	83.1	81.3	79.6	77.9
77	104.6	102.7	100.8	98.9	97.1	95.3	93.5	91.7	89.9	88.1	86.3	84.5	82.7	80.9	79.2	77.5
76	104.2	102.3	100.4	98.6	96.8	95.0	93.2	91.4	89.6	87.8	86.0	84.2	82.4	80.6	78.8	77.1
75	103.9	102.0	100.1	98.3	96.5	94.7	92.9	91.1	89.3	87.5	85.7	83.9	82.1	80.3	78.5	76.8
74	103.6	101.7	99.8	98.0	96.2	94.4	92.6	90.8	89.0	87.2	85.4	83.6	81.8	80.0	78.2	76.5
73	103.3	101.4	99.5	97.7	95.9	94 1	92.3	90.5	88.7	86.9	85.1	83.3	81.5	79.7	77.9	76.2
72	103.0	101.1	99.2	97.4	95.6	93.8	92.0	90.2	88.4	86.6	84.9	83.1	81.3	79.5	77.8	76.0
71	102.8	100.9	99.0	97.2	95.4	93.6	91.8	90.0	88.2	86.4	84.7	82.9	81.1	79.3	77.5	75.8
70	102 6	100.7	98.8	97.0	95.2	93.4	91.6	89.8	88.0	86.2	84.5	82.7	80.9	79.1	77.3	75.6
69	102.4	100.5	98.6	96.8	95.0	93.2	91.4	89.6	87.8	86.0	84.3	82.5	80.7	78.9	77.1	75.4
68	102.2	100.3	98.4	96.6	94.8	93.0	91.2	89.4	87.6	85.8	84.1	82.3	80.5	78.7	76.9	75.2
67	102.0	100.1	98.3	96.5	94.7	92.9	91.1	89.3	87.5	85.7	83.9	82.1	80.3	78.5	76.7	75.0
66	101.9	100.0	98.2	96.4	94.6	92.8	91.0	89.2	87.4	85.6	83.8	82.0	80.2	78.4	76.6	74.9
65	101 8	99.9	98.1	96.3	94.5	92.7	90.9	89.1	87.3	85.5	83.7	81.9	80.1	78.3	76.5	74.8
	45°	44°	43°	42°	41°	40°	39°	38°	37°	36°	35°	34°	33°	32°	31°	30°

Angle of the last point of contact from the vertex of the Sun's limb towards the East; or in an inverting telescope, from the lowest point of the Sun's limb towards the West.

Geographical Latitude.															Long.
45°	44°	43°	42°	41°	40°	39°	38°	37°	36°	35°	34°	33°	32°	31°	30°	
°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
141.6	140.4	139.3	138.2	137.3	136.5	135.8	135.2	134.6	134.2	133.9	133.7	133.6	133.7	133.9	134.2	100
139.0	137.7	136.5	135.4	134.4	133.5	132.7	132.0	131.4	130.9	130.5	130.3	130.2	130.3	130.6	131.0	99
136.4	135.0	133.7	132.5	131.4	130.5	129.6	128.8	128.1	127.5	127.0	126.7	126.6	126.7	127.0	127.4	98
133.7	132.3	131.0	129.7	128.5	127.4	126.4	125.5	124.7	124.0	123.4	123.1	122.9	122.9	123.1	123.5	97
131.0	129.5	128.1	326.7	125.4	124.2	123.1	122.1	121.2	120.4	119.7	119.2	118.9	118.8	118.9	119.2	96
128.3	126.7	125.1	123.6	122.2	121.0	119.8	118.7	117.6	116.7	115 9	115.3	114.9	114.6	114.5	114.6	95
125.5	123.8	122.2	120.6	119.1	117.7	116.4	115.2	114.0	112.9	111.9	111.1	110.5	110.1	109.8	109.7	94
122.7	120.9	119.2	117.5	115.9	114.4	112.9	111.5	110.2	109.0	107.8	106.8	106.0	105.3	104.8	104.5	93
119.8	117.9	116.1	114.3	112.6	111.0	109.4	107.9	106.4	105.0	103.6	102.4	101.4	100.5	99.7	99.0	92
116.9	114.9	113.0	111.1	109.3	107.5	105.8	104.1	102.5	100.9	99.3	97.8	96.5	95.3	94.2	93.2	91
114.0	111.9	109.9	107.9	105.9	104.0	102.1	100.2	98.4	96.6	94.8	93.1	91.5	90.0	88.6	87.2	90
111.2	108.9	106.7	104.6	102.5	100.5	98.4	96.4	94.4	92.4	90.4	88.5	86.6	84.8	83.1	81.4	89
108.4	106.0	103.7	101.4	99.2	97.0	94.8	92.6	90.4	88.2	86.1	84.0	81.9	79.8	77.7	75.7	88
105.7	103.2	100.8	98.4	96.0	93.6	91.2	88.8	86.4	84.1	81.8	79.4	77.0	74.7	72.4	70.1	87
103.0	100.4	97.8	95.2	92.7	90.2	87.6	85.1	82.6	80.1	77.6	75.1	72.5	69.9	67.3	64.7	86
100.3	97.6	94 9	92.2	89.5	86.8	84.1	81.4	78.7	76.0	73.4	70.6	67.8	65.0	62.2	59.4	85
97.7	94.8	92.0	89.2	86.4	83.6	80.7	77.9	75.1	72.3	69.5	66.5	63.5	60.5	57.5	54.5	84
95.2	92.3	89.3	86.5	83.6	80.6	77.7	74.8	71.9	68.9	65.9	62.8	59.6	56.4	53.2	50.0	83
92.7	89.8	86.8	83.8	80.8	77.8	74.8	71.8	68.7	65.6	62.5	59.3	56.1	52.8	49.4	45.9	82
90.3	87.3	84.3	81.3	78.2	75.1	72.0	68.9	65.7	62.5	59.3	56.0	52.7	49.3	45.8	42.3	81
87.9	84.9	81.9	78.8	75.7	72.6	69.4	66.2	62.9	59.6	56.3	52.9	49.5	46.1	42.6	39.1	80
85.6	82.6	79.5	76.4	73.3	70.2	66.9	63.6	60.3	56.9	53.5	50.1	46.7	43.2	39.7	36.2	79
83.5	80.5	77.4	74.3	71.2	67.9	64.6	61.2	57.8	54.4	50.9	47.5	44.0	40.5	37.0	33.5	78
81.5	78.4	75.3	72.1	68.9	65.7	62.4	59.0	55.6	52.1	48.5	45.0	41.5	38.0	34.5	31.0	77
79.7	76.5	73.3	70.1	66.9	63.6	60.2	56.8	53.4	49.9	46.4	42.9	39.4	35.9	32.3	28.7	76
78.0	74.8	71.6	68.3	65.0	61.7	58.3	54.9	51.5	48.0	44.5	41.0	37.5	33.9	30.3	26.7	75
76.3	73.1	69.8	66.5	63.2	59.9	56.5	53.1	49.7	46.2	42.7	39.2	35.7	32.1	28.5	24.9	74
74.7	71.4	68.1	64.8	61.5	58.2	54.8	51.4	48.0	44.5	41.0	37.5	34.0	30.5	26.9	23.3	73
73.2	69.9	66.6	63.3	60.0	56.6	53.2	49.8	46.4	43.0	39.5	36.0	32.5	29.0	25.5	21.9	72
71.8	68.5	65.2	61.9	58.5	55.1	51.7	48.3	44.9	41.5	38.1	34.7	31.2	27.7	24.2	20.7	71
70.4	67.1	63.8	60.4	57.0	53.6	50.3	47.0	43.6	40.2	36.8	33.4	30.0	26.6	23.2	19.7	70
69.1	65.7	62.3	58.9	55.5	52.2	48.8	45.5	42.2	38.9	35.6	32.3	28.9	25.5	22.1	18.7	69
67.8	64.4	61.0	57.6	54.3	51.0	47.7	44.4	41.1	37.8	34.5	31.2	27.9	24.6	21.2	17.8	68
66.6	63.2	59.8	56.5	53.2	49.9	46.6	43.3	40.0	36.7	33.5	30.2	26.9	23.6	20.3	16.9	67
65.5	62.2	58.9	55.6	52.3	49.0	45.7	42.4	39.1	35.8	32.6	29.3	26.0	22.7	19.4	16.1	66
64.4	61.2	58.0	54.8	51.6	48.3	45.0	41.7	38.4	35.1	31.8	28.5	25.2	21.9	18.6	15.3	65
45°	44°	43°	42°	41°	40°	39°	38°	37°	36°	35°	34°	33°	32°	31°	30°	

Digits eclipsed upon the Sun's South limb.

Long.	Geographical Latitude.														
	45°	44°	43°	42°	41°	40°	39°	38°	37°	36°	35°	34°	33°	32°	31°	30°
°	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
100	2 42	2 56	3 11	3 26	3 41	3 56	4 11	4 26	4 42	4 58	5 14	5 30	5 46	6 2	6 18	6 35
99	50	3 4	19	34	49	4 4	20	35	51	5 7	23	39	55	12	28	45
98	57	12	27	42	57	12	28	44	5 0	16	33	48	6 4	21	38	55
97	3 4	19	34	50	4 5	20	36	52	8	24	41	57	13	30	47	7 4
96	11	26	41	57	13	28	44	5 0	16	32	49	6 6	22	39	56	13
95	18	33	48	4 4	20	36	52	8	24	40	57	14	31	48	7 5	22
94	25	41	56	12	28	44	5 0	17	33	49	6 6	23	40	58	15	32
93	32	48	4 4	20	36	52	8	25	42	58	15	32	49	7 7	25	42
92	39	55	11	27	44	5 0	16	33	50	6 7	24	41	58	16	34	52
91	46	4 2	18	34	51	8	24	41	58	15	32	50	7 7	25	43	8 1
90	53	9	25	41	58	15	32	49	6 6	23	40	58	16	34	52	10
89	4 0	16	33	49	5 6	23	40	57	15	31	49	7 7	25	43	8 2	20
88	7	23	40	57	14	31	48	6 5	23	41	58	16	34	52	11	30
87	14	30	47	5 4	21	39	56	13	31	49	7 7	25	43	8 1	20	39
86	21	37	54	11	28	46	6 4	21	39	57	15	33	52	10	29	48
85	27	44	5 1	18	35	53	11	29	47	7 5	23	41	8 0	19	38	57
84	34	51	8	25	43	6 1	19	37	55	13	32	50	9	28	47	9 6
83	40	58	15	32	50	9	27	45	7 3	21	40	59	18	37	56	15
82	45	5 4	22	39	57	16	34	53	11	29	48	8 7	26	45	9 5	24
81	52	10	28	46	6 4	23	41	7 0	19	37	56	15	34	53	13	33
80	58	16	34	52	11	30	48	7	26	45	8 4	23	42	9 1	21	41
79	5 4	22	41	59	18	37	55	14	34	53	12	31	50	10	30	50
78	10	28	47	6 6	25	44	7 2	21	41	8 1	20	39	58	18	38	59
77	16	34	53	12	31	51	9	28	48	8	28	47	9 6	26	46	10 7
76	22	40	59	18	37	57	16	35	55	15	35	55	14	34	54	15
75	27	46	6 5	24	43	7 3	22	42	8 2	22	42	9 2	22	42	10 2	23
74	33	52	11	30	49	9	29	49	9	29	49	9	29	50	10	31
73	38	58	17	36	55	15	35	55	15	36	56	16	36	57	18	39
72	45	6 3	23	42	7 1	21	41	8 1	21	42	9 3	23	43	10 4	25	46
71	49	8	28	48	7	27	47	7	27	48	9	30	50	11	32	53
70	53	13	33	53	13	33	53	13	33	54	15	36	57	18	39	11 0
69	58	18	38	58	18	38	58	19	39	9 0	21	42	10 3	24	45	6
68	6 2	22	42	7 3	23	43	8 3	24	45	6	27	48	9	30	51	12
67	6	26	46	7	28	48	8	29	50	11	33	54	15	36	57	18
66	10	30	50	11	32	53	13	34	55	16	38	59	20	41	11 3	24
65	14	34	54	15	36	57	18	39	9 0	21	43	10 4	25	46	8	30
	45°	44°	43°	42°	41°	40°	39°	38°	37°	36°	35°	34°	33°	32°	31°	30°

Interval of time between the middle of the Eclipse and the instant of greatest obscuration; the greatest obscuration occurs before the middle of the Eclipse for all places above the horizontal line in each column, after the middle for all places below this line.

Long. W. from Gr'h.	Geographical Latitude.			
	45°	40°	35°	30°
°	m.	m.	m.	m.
100	1.8	2.0	2.5	4.5
95	1.5	1.7	2.2	4.2
90	1.2	1.4	2.0	4.0
85	0.9	1.1	1.7	3.7
80	0.4	0.6	1.1	2.3
75	0.2	0.1	0.4	0.8
70	0.7	0.6	0.5	0.6
65	1.0	1.2	1.5	2.1

Acceleration in the times of the first and last contact, which would arise from increasing the Moon's Right Ascension by one second of arc.

Longitude.	Geographical Latitude.							
	45°		40°		35°		30°	
	Begin.	End.	Begin.	End.	Begin.	End.	Begin.	End.
°	s.	s.	s.	s.	s.	s.	s.	s.
100	1.065	3.555	1.331	3.400	1.500	3.281	1.635	3.238
95	1.267	3.451	1.477	3.329	1.635	3.226	1.767	3.165
90	1.423	3.337	1.618	3.253	1.771	3.189	1.912	3.108
85	1.567	3.233	1.755	3.142	1.919	3.096	2.059	3.048
80	1.697	3.118	1.891	3.053	2.053	2.996	2.212	2.940
75	1.813	3.002	2.012	2.937	2.199	2.889	2.378	2.823
70	1.921	2.893	2.124	2.824	2.329	2.777	2.534	2.726
65	2.012	2.773	2.232	2.714	2.444	2.658	2.655	2.586

Acceleration in the times of the first and last contact, which would arise from increasing the Moon's Declination by one second of arc.

Longitude.	Geographical Latitude.							
	45°		40°		35°		30°	
	Begin.	End.	Begin.	End.	Begin.	End.	Begin.	End.
°	s.	s.	s.	s.	s.	s.	s.	s.
100	3.656	−1.980	2.978	−1.204	2.464	−0.605	2.084	−0.105
95	3.361	−1.614	2.777	−0.920	2.338	−0.357	1.979	+0.117
90	3.122	−1.311	2.613	−0.691	2.208	−0.172	1.885	0.318
85	2.920	−1.085	2.461	−0.493	2.108	+0.006	1.775	0.480
80	2.752	−0.902	2.337	−0.355	1.972	0.134	1.662	0.602
75	2.589	−0.764	2.194	−0.248	1.864	0.223	1.550	0 680
70	2.462	−0.668	2.066	−0.174	1.740	0.276	1.422	0.721
65	2.341	−0.593	1.959	−0.131	1.615	0.299	1.277	0.722

Phases of the eclipse for particular places.

Place.	Mean Time of Place at				Ang. of first pt. of contact to'ds the West from		Ang. of last pt. of contact to'ds the East from		Dig's of gr. obscura'n.	Duration.
	Begin.	Gr. obscuration.	End.		☉'s N. p'nt.	☉'s vertex.	☉'s N. p'nt.	☉'s vertex.		
	h. m. s.	h. m.	h. m. s.		°	°	°	°	° ′	h. m.
Albany, N. Y.,	11 1 17.9	0 18.8	1 36 17.6		139.9	120.0	99.1	68.2	6 19	2 35.0
Amherst, (Col. Ch.) Ms.,	11 6 2.1	0 25.1	1 43 59.9		148.6	120.4	98.1	64.1	6 33	38.0
Annapolis, Md.,	10 37 2.0	11 59.6	1 23 0.2		136.4	105.5	93.4	61.3	8 2	46 0
Augusta, Ga.,	9 54 44.9	11 21.3	0 51 24.1		132.4	83.5	85.7	57.4	8 18	56.7
Augusta, Me.,	11 25 56.8	0 32.1	1 57 9.7		140.1	129.7	101.3	68.0	6 7	31.2
Baltimore, (Bat. M.)	10 37 17.8	11 59.8	1 22 15.3		137.1	106.8	94 0	62.5	7 8	45.0
Bangor, Me.,	11 32 42.4	0 45.4	1 56 41.4		140.9	131.0	102.2	69.5	5 58	24.0
Boston, *State House*,	11 14 43.5	0 33.6	1 52 40.5		137.8	122.5	98.0	63.1	6 39	38.0
Buffalo, N. Y.,	10 34 23.9	11 48.8	1 4 10.9		143.8	116.7	101.3	79.0	5 40	29.8
Burlington, Vt.,	11 8 26.7	0 23.2	1 37 15.5		142.3	126.3	102.5	73.1	5 48	23.8
Cambridge, (Observ'y,)	11 14 26.7	0 33.9	1 52 15.8		137.8	122.5	98.0	63.1	6 38	37.8
Charleston, S. C.,	10 3 36.8	11 32.3	1 4 19.3		130.1	82.0	83.6	48.7	8 48	3 00.7
Chicago, Ill.,	9 48 38.2	10 58.0	0 9 25.6		148.6	110.7	103.8	100 2	5 3	2 20.8
Cincinnati, Ohio,	9 55 55.2	11 13.0	0 32 14.4		142 2	101.9	96.8	82.7	6 13	36.3
Columbia, S. C.,	10 0 7.0	11 26.9	0 56 27.9		132.6	85.6	86.3	56.5	8 13	56.3
Columbus, Ohio,	10 5 19.6	11 22.1	0 40 44.9		142.3	104.9	97.7	80.6	6 10	35.4
Concord, N. H.,	11 14 28 4	0 32.4	1 49 4.7		139.3	124.3	99.5	66.6	6 22	34.6
Detroit, Mich.,	10 12 29.6	11 25.0	0 39 4.4		145 9	112 3	102.1	87.5	5 27	26.6
Eastport, Me.,	11 42 58.2	0 58.8	2 12 56.3		139.3	134.7	101.9	66.2	6 7	30.0
Galveston, Texas,	8 39 4.4	9 56.5	11 23 14.2		136.3	73.8	86.4	115.7	7 37	44.2
Halifax, N. S.	0 0 43.7	1 17.6	2 32 0.8		137.3	138.8	101.0	62.4	6 32	31.3
Harrisburg, Pa.,	10 38 34.9	11 50.0	1 20 2.1		138.5	109.6	95.9	66 5	6 47	41.5
Havana, Cuba,	9 30 20.0	11 3.0	0 44 22.4		118.8	50.3	67.4		11 30	3 14.0
Hudson, (Obser.) Ohio,	10 17 10.3	11 32.9	0 50 8.4		143.1	110.1	99.2	79.5	5 57	2 33.0
Jefferson, Mo.,	9 17 1.7	10 27.7	11 41 44.5		147.1	100.2	100.6	109.1	5 22	24.7
Key West, Fa.,	9 35 51.9	10 34.9	0 49 26.9		120.0	54.0	70.1	24 8	11 27	3 13.6
Kingston, Jamaica,	9 54 43.8	11 28.7	1 15 11.0		106.4	29.6	57.0	272.2	9 51	20.5
Lexington, Ky.,	9 53 59.0	11 12.7	0 33 50.1		140.7	98 5	96.9	79.3	6 32	2 39.9
Louisville, Ky.,	9 47 46.7	11 5.5	0 25 58.0		141.5	98.2	97.4	83.4	6 24	38.2
Mexico, Mex.,	7 57 43.5	9 5.5	10 45 41.5		125.8	50.5	74.2	143 8	9 46	48.0
Milledgeville, Ga.,	9 46 18.0	11 12.4	0 41 58.3		132.9	82 3	85.7	61.2	8 17	55 7
Mobile, Ala.,	9 16 10.1	10 39.7	0 10 23.8		133.1	75.2	84.1	77.9	8 17	54.2
Montreal, L. C.,	11 9 26.1	0 21.7	1 33 12.7		141.8	128.5	104.4	77.3	5 19	23 8
Nantucket, (S.T.) Mass.,	11 17 38.3	0 39.3	1 59 49.0		135.4	120.7	95 8	57 8	7 9	42.2
Nashville, Tenn.,	9 36 4.1	10 55.3	0 18 1.7		139.8	92.2	93.0	83.8	6 47	42.0
Natchez, Miss.,	9 1 15.0	10 20.6	11 46 49.4		136.8	78.7	88.8	96.2	7 30	45.6
New Bedford, Mass.,	11 13 53.7	0 34.8	1 51 28.2		136.7	120.3	96.5	60.6	6 54	40.6
New Haven, (Coll.) Ct.,	11 2 5.9	0 22.5	1 42 47.3		137.4	116.6	96.5	62.6	6 49	40.7
New Orleans, (City H.)	9 4 12.9	10 26.3	11 56 24.2		133.7	73.7	84 2	87.1	8 11	52.2
Newport, R. I.,	11 11 23.1	0 32.3	1 52 20.4		136.7	119.2	96.4	60.7	6 56	41.0
New York, *City Hall*,	10 54 50.5	0 15.6	1 36 56 4		137.3	114.0	95 7	61 8	6 56	42.1
Panama, (Cathedral,)	9 29 18.6	10 57.5	0 37 28.8		94 7	2.0	41.1	283.5	7 21	3 8.2
Philadelphia, *H. Sc. Obs.*	10 46 43.3	0 8.2	1 30 38.5		159.7	133.0	77.1	44.2	7 3	2 43.9
Pittsburg, Pa.,	10 22 23.6	11 40.4	0 59 37.0		141.0	108.2	97.4	77.2	6 20	37.2
Portland, (Mt. Joy Obs.)	11 22 20.5	0 39.8	1 55 52.4		139.3	127.3	100.1	65 7	6 15	33.5
Portsmouth, N. H.,	11 18 17.8	0 36.7	1 53 49.7		138.1	124.6	98.9	64 8	6 30	31.5
Princeton, N. J.	10 50 29.3	0 9.8	1 29 26.1		137.1	111.8	95.2	62.5	6 58	38.9
Providence, R. I.,	11 11 40.4	0 32.0	1 51 21.6		137.2	120 2	97.1	62.0	6 48	39.7
Quebec, L. C.,	11 24 13.6	0 35.2	1 44 42.0		144.9	135 5	106.3	78.2	5 10	20 5
Quito, S. America,	9 35 5.1	10 50.8	0 10 7.2		77.2	328.8	22.2	213.9	4 10	35.0
Raleigh, N. C.,	10 17 8.5	11 43.1	1 10 52.9		133.4	92 2	88 5	55.6	7 59	53 7
Richmond, Va.,	10 28 32.1	11 53.0	1 18 24.6		134.9	100.2	91.1	58.4	7 21	49.9
St. Louis, Mo.,	9 26 2.2	10 38.6	11 54 5.7		145.0	100.2	99.4	103.6	5 36	28.1
Salem, Mass.,	11 16 2.6	0 33.6	1 51 28.1		137.9	123.2	98.3	63.4	6 37	35.4
Savannah, Ga.,	9 55 35.6	11 24.0	0 56 35 6		129.7	78.9	82.8	49.9	8 51	3 1.0
Springfield, Mass.,	11 5 52.0	0 25.1	1 43 55.5		138.3	119.3	97.8	64 6	6 36	2 38.1
Toronto, (Observatory,)	10 34 12.9	11 47.0	1 0 28.7		145.2	118.8	103.3	82.3	5 24	26.3
Trinidad,	9 41 7.3	11 17.0	0 58 51.6		114.7	44.4	64.5	8 2	11 48	3 17 7
Tuscaloosa, Ala,	9 26 13.1	10 47.3	0 14 22.1		136.2	82.8	87.4	78.1	7 36	2 48.2
University of Virginia,	10 23 59.4	11 46.8	1 11 16.7		136.3	100 3	92.3	62.4	7 17	47.3
Vera Cruz,	8 10 43.0	9 31.5	11 5 14 2		123.5	47.7	71.4	137.3	10 22	54.5
Washington,	10 34 18.9	11 56.9	1 20 15.6		136.5	104.7	93.3	62.1	7 11	45.9
Williamstown, Mass ,	11 3 57.3	0 21.9	1 39 22.6		139.6	121.0	99.1	67.6	6 21	35.4
Worcester, Mass.,	11 10 34.1	0 29.8	1 48 26.7		138.1	121.1	97.8	63.8	6 38	37.9

ELEMENTS OF THE ECLIPSES OF THE SUN.

1846.	April 25.	October 19–20.
	d. h. m. s.	h. m. s.
Greenwich Mean Time of ☌ in R. A.	25 4 55 54.5	19 50 12.2
☉ and ☽'s Right Ascension,	2 11 8.21	13 38 31.54
	° ′ ″	° ′ ″
☽'s Declination,	N. 13 25 19.8	S. 10 23 43.0
☉'s Declination,	N. 13 13 21.2	S. 10 15 3.9
☽'s Horary Motion in R. A.	33 55.1	30 42.2
☉'s Horary Motion in R. A.	2 21.3	2 21.5
☽'s Horary Motion in Declination,	N. 8 23.6	S. 8 37.0
☉'s Horary Motion in Declination,	N. 0 48.8	S. 0 54.1
☽'s Equatorial Horizontal Parallax,	57 53.8	55 33.4
☉'s Equatorial Horizontal Parallax,	8.5	8.6
☽'s True Semi-diameter,	15 46.5	15 8.4
☉'s True Semi-diameter,	15 54.5	16 5.6

II. Monday, Oct. 19 and 20. An annular eclipse of the Sun, invisible in the United States.

Begins on the Earth generally, Oct. 19d. 11h. 38.6m. A. [Mean Time at Washington,] in longitude 16° 21′ East of Greenwich, and latitude 9° 50′ North.

Central eclipse begins on the Earth, Oct. 20d. 0h. 43.9m. M. in longitude 0° 32′ West of Greenwich, and latitude 6° 44′ North.

Central eclipse at Noon, Oct. 20d. 2h. 42.1m. M. in longitude 58° 41′ E. and latitude 19° 22′ South.

Central eclipse ends, Oct. 20d. 4h. 30.8m. in longitude 126° 5′ E. and latitude 23° 51′ South.

End of the general eclipse, Oct. 20d. 5h. 36.0m. in longitude 109° 6′ E. and latitude 20° 47′ South.

This eclipse will be visible throughout the greater part of Africa, New Holland, and the Indian Ocean, and also upon the Southern coast of the Mediterranean, and in Sicily, and the Southern point of Italy.

OCCULTATIONS.

Elements for facilitating the calculation of Occultations which may be visible in the United States, in 1846.

Day of the Month.	Star's Name.	Magnitude.	Washington, Mean Time of apparent conjunction in R. A. of Moon and Star.	At the time of Conjunction. Apparent R. A. of Moon and Star.	Apparent Declination of Star.	Star N. or S. of Moon.	Limiting Parallels between which the occult. is visible.
			h. m. s.	h. m. s.	° ′ ″	° ′	° °
Jan. 10	E^2 Orion.	5.6	3 9 19 A.	6 5 49.83	19 12 13.5 N.	33 27 N.	82 N. 15 N.
13	A^2 ♋	6	6 10 55	8 38 30.92	12 40 9.6	38 41	90 9
	α^1 ♋	6	10 48 38	8 47 32.81	12 12 26.7	29 51	73 1 S.
14	x^2 ♋	5	0 7 13 M.	8 50 5.68	12 26 49.7	4 55	41 26
16	p^4 ♌	5.6	11 30 42 A.	11 5 54.20	0 45 56.1	29 48	72 6
22	$\varkappa$ ♎	5	7 44 42 M.	15 33 5.69	19 10 22.1 S.	66 36	71 37 N.
29	Venus		9 16 35 A.	23 9 37.06	1 31 23.6	31 7	70 7 S.
Feb. 4	s ♉	4	7 14 50 A.	4 19 39.44	18 50 0.3 N.	28 59 N.	72 N. 9 N.
6	E^2 Orion.	5.6	9 9 43	6 5 49.72	19 12 13.3	24 37	66 6
10	A^2 ♋	6	0 20 6 M.	8 38 31.16	12 40 7.9	39 7	90 10
	α^2 ♋	5	6 15 18	8 50 5.95	12 26 47.9	6 10	42 24 S.
15	58 ♍	6	8 26 50 A.	13 9 25.37	9 44 4.6 S.	27 26	64 9
16	α ♍	1	0 13 43 M.	13 17 7.26	10 21 29.6	29 3	65 7
19	β^1 ♏	2	0 47 11	15 56 30.79	19 22 42.7	48 40	71 13 N.
	γ ♏	4	3 33 11	16 3 4.54	19 3 14.8	18 5	39 18 S.
20	ϱ Ophi.	4.5	7 45 27	17 11 47.39	20 56 19.1	68 1	69 41 N.
22	ϱ^1 ♐	5	7 30 33	19 12 44.79	18 7 44.8	26 16	50 11 S.
23	β ♑	3.4	7 1 45	20 12 21.38	15 15 40.3	24 41	52 13
Mar. 1	Jupiter		9 2 33 A.	2 21 38.88	13 7 7.7 N.	65 31 N.	90 N. 41 N.
4	e ♉	4	7 29 6 M.	4 19 38.97	18 49 59.4	13 15	50 7 S.
7	k ♊	5	6 4 56 A.	7 24 51.00	16 9 0.1	58 37	90 41 N.
9	x ♋	5.6	5 45 53	8 59 26.38	11 16 49.6	31 18	75 1
11	n Sext.	6	8 37 19	10 37 15.47	3 17 34.4	42 27	90 8
14	50 ♍	6	10 19 16	13 1 44.56	9 30 42.7 S.	59 4	80 27
15	α ♍	1	5 49 19 M.	13 17 7.80	10 21 33.2	38 18	79 2
16	α^2 ♎	3	9 45 25 A.	14 42 24.56	15 24 0.1	7 6	34 28 S.
17	β^1 ♏	2	6 18 42	15 56 31.60	19 22 45.2	61 42	71 32 N.
29	Jupiter		4 29 53	2 43 18.67	14 56 15.0 N.	21 1	59 7 S.
Apr. 3	λ ♊	4.5	6 2 42 A.	7 9 15.94	16 48 38.4 N.	45 36 N.	90 N. 24 N.
4	k ♊	5	1 39 15 M.	7 24 50.54	16 9 0.6	48 47	90 27
8	p^4 ♌	5.6	7 8 28 A.	11 5 54.94	0 45 49.2	38 57	90 4
13	α^2 ♎	3	4 3 0 M.	14 42 25.06	15 24 2.1 S.	10 58	38 25 S.
May 8	α ♍	1	9 18 39 A.	13 17 8.13	10 21 35.6 S.	39 14 N.	79 N. 3 N.
11	β^1 ♏	2	6 36 12	15 56 32.75	19 22 47.4	66 31	71 38
	γ ♏	4	10 18 17	16 3 6.54	19 3 19.3	36 3	62 0
12	ψ Ophi.	5	3 14 7 M.	16 15 9.25	19 40 15.9	55 5	70 21
15	ϱ^1 ♐	5	2 24 57	19 12 47.15	18 7 39.8	42 43	72 6
16	β^2 ♑	3.4	2 53 49	20 12 23.60	15 15 32.9	38 41	71 1
	γ ♒	5	11 34 7 A.	21 1 14.11	11 59 16.2	27 5	59 10 S.

Day of the Month.	Star's Name.	Magnitude.	Washington, Mean Time of apparent conjunction in R. A. of Moon and Star.	At the time of Conjunction. Apparent R. A. of Moon and Star.	Apparent Declination of Star.	Star N. or S. of Moon.	Limiting Parallels between which the occult. is visible.
			h. m. s.	h. m. s.	° ′ ″	′	° °
May 21	δ ♓	5	2 20 13 M.	0 40 42.77	6 44 51.4 N.	3 41 N.	39 N. 30 S.
June 6	α^2 ♎	3	9 37 3 A.	14 42 25.41	15 24 2.8 S.	12 59 N.	40 N. 23 S.
8	β^1 ♏	2	4 55 22 M.	15 56 33. 1	19 22 47.6	66 52	71 38 N.
16	λ ♓	5	1 7 12	23 34 13.71	0 56 15.5 N.	0 1	35 35 S.
July 5	↓ Ophi.	5	10 31 40 A.	16 15 9.60	19 40 15.7 S.	60 30 N.	70 N. 28 N.
8	^{1} ♐	5	7 45 19	19 12 48.31	18 7 36.0	34 25	59 3 S.
	ξ^2 ♐	5.6	7 48 25	19 12 56.25	18 34 55.2	62 1	71 27 N.
Aug. 2	ν ♏	4	2 48 13 M.	16 3 6.60	19 3 18.4 S.	54 53 N.	71 N. 22 N.
5	ξ^1 ♐	5	6 24 58	19 12 48.45	18 7 35.4	37 47	64 0
6	β^2 ♍	3.4	5 34 48	20 12 25.23	15 15 25.6	25 28	53 12 S.
	z^1 ♒	6	8 58 41 A.	20 51 31.36	13 38 18.8	67 48	76 33 N.
7	γ ♒	5	0 51 8 M.	21 1 15.96	11 59 6.3	7 12	37 29 S.
9	21 ♓	6	7 21 15 A.	23 41 37.85	0 13 40.5 N.	55 11	90 17 N.
11	ε ♓	4	3 21 17 M.	0 55 0.75	7 3 53.7	17 11	52 18 S.
18	λ ♊	4.5	5 44 34	7 9 16.07	16 48 40.5	45 34	90 25 N.
27	α^2 ♎	3	9 38 14 A.	14 42 24.58	15 23 59.2 S.	51 46	75 19
Sep. 10	A.S.C.4454	6	8 51 22 A.	3 59 13.78	16 55 30.8 N.	47 10 N.	90 N. 25 N.
11	δ^1 ♉	4	3 25 45 M.	4 14 6.83	17 10 39.8	56 41	90 38
	δ^2 ♉	5	4 32 49	4 16 38.33	17 34 18.8	36 47	85 15
	m ♉	5	11 10 35 A.	4 58 24.46	18 25 56.7	28 45	70 11
29	ξ^1 ♐	5	0 5 57 M.	19 12 47.81	18 7 36.0 S.	55 21	72 21
30	β^2 ♍	3.4	0 42 16	20 12 24.81	15 15 26.0	38 56	71 2
	ν ♒	5	8 58 0 A.	21 1 15.74	11 59 6.1	16 36	46 20 S.
Oct. 3	21 ♓	6	4 32 26 A.	23 41 38.38	0 13 44.6 N.	48 50 N.	90 N. 10 N.
4	ε ♓	4	11 43 35	0 55 1.63	7 3 59.6	4 31	39 29 S.
5	54 Ceti.	6	7 58 29	1 42 45.40	10 17 2.9	24 14	60 9
9	m ♉	5	7 39 52	4 58 25.27	18 25 57.6	21 36	59 4 N.
12	k ♊	5	2 46 20 M.	7 24 51.97	16 9 0.8	35 2	83 12
Nov. 4	A.S.C.4454	6	4 3 54 A.	3 59 15.05	16 55 33.1 N.	40 38 N.	90 N. 17 N.
	δ^1 ♉	4	10 23 5	4 14 8.16	17 10 41.8	50 4	90 29
	δ^2 ♉	4.5	10 52 45	4 15 17.93	17 5 2.5	57 27	90 38
	δ^3 ♉	5	11 27 30	4 16 39.67	17 34 20.8	30 9	71 8
5	m ♉	5	5 19 44	4 58 25.94	18 25 57.6	22 1	60 4
8	λ ♊	4.5	3 51 8 M.	7 9 18.39	16 48 36.6	29 44	72 7
9	A^2 ♋	6	11 12 20 A.	8 38 32.15	12 40 5.4	27 57	69 1 S.
10	α^2 ♋	5	5 3 35 M.	8 50 6.85	12 26 45.2	1 18 S.	33 31
28	ε ♓	4	5 4 29 A.	0 55 1.55	7 3 59.2	0 47 N.	36 32
	ζ^1 ♓	6	9 51 4	1 5 45.52	6 45 58.5	69 8	90 41 N.
Dec. 2	δ^1 ♉	4	7 38 42 A.	4 14 8.54	17 10 41.5 N.	51 45 N.	90 N. 31 N.
2	δ^2 ♉	4.5	8 8 35 A.	4 15 18.31	17 5 2.2	59 11	90 41
2	δ^3 ♉	5	8 43 36 A.	4 16 40.06	17 34 20.6	31 55	74 10
3	m ♉	5	7 39 49 M.	4 58 26.42	18 25 57.1	25 5	64 7
4	u ♊	5.6	8 26 11 A.	6 33 31.16	17 47 16.5	35 21	83 15
5	k ♊	5	8 1 37 A.	7 24 53.60	16 8 55.6	43 37	90 21
9	16 Sext.	6	2 3 14 M.	10 1 13.66	6 55 6.2	37 26	87 5
11	ν ♌	4.5	0 52 29 M.	11 29 7.16	0 1 14.1	12 3	48 23 S.
25	ε ♓	4	10 28 58 A.	0 55 1.28	7 3 57.5	11 44 S.	24 45
30	119 ♉	5.6	9 10 59	5 23 16.18	18 28 24.2	32 9 N.	79 16 N.
30	120 ♉	6	9 45 50	5 24 35.27	18 25 29.7	35 19	83 19

ECLIPSES OF THE SATELLITES OF JUPITER IN 1846.

Visible in the United States, in Mean Time at Washington.

Date.	Mean Time.	Ph'se.	Sat.	Date.	Mean Time.	Ph'se.	Sat.
d.	h. m. s.			d.	h. m. s.		
Jan. 2	7 49 13.3 A.	Im.	3	Mar.25	8 10 48.6 A.	Em.	2
2	9 52 0.7	Em.	3	29	8 16 33.1	Im.	3
2	11 51 5.8	Im.	2	29	10 18 12.2	Em.	3
3	2 17 17.6 M.	Em.	2	31	6 58 16.4		1
4	1 18 47.4		1				
5	7 47 51.1 A.		1	Apr. 1	10 46 57.7 A.	Em.	2
6	3 35 14.3		2	7	8 53 40.1		1
9	11 51 38.4	Im.	3	16	5 17 43.0		1
10	1 56 9.7 M.	Em.	3				
10	2 26 56.9	Im.	2	Jun. 21	2 50 48.2 M.	Im.	1
11	3 14 48.5	Em.	1	26	3 34 58.5		2
12	9 43 52.6 A.		1	28	4 44 52.5		1
13	6 11 9.3		2				
14	4 12 50.8		1	July 1	2 33 21.8 M.	Em.	3
19	11 39 54.9		1	3	6 11 46.1	Im.	2
20	6 20 40.6	Im.	2	8	4 27 27.5		3
20	8 47 4.3	Em.	2	8	6 33 28.6	Em.	3
21	6 8 53.4		1	14	3 1 10.2	Im.	1
27	1 35 57.6 M.		1	21	0 44 29.0		2
27	8 56 28.5 A.	Im.	2	21	4 57 56.1		1
27	11 22 58.6	Em.	2	28	3 21 27.2		2
28	8 4 55.2		1	28	6 48 37.4		1
				30	1 17 1.7		1
Feb. 3	11 32 15.8 A.	Im.	2				
4	1 58 51.0 M.	Em.	2	Aug. 4	5 58 27.5 M.	Im.	2
4	10 0 57.7 A.		1	5	10 34 40.7 A.	Em.	3
6	4 30 1.4		1	6	3 10 37.3 M.	Im.	1
7	4 2 2.3	Im.	3	13	0 25 56.5	Im.	3
7	6 3 47.2	Em.	3	13	2 34 47.1	Em.	3
11	11 56 57.3		1	13	5 4 9.5	Im.	1
13	6 26 0.5		1	14	9 53 25.4 A.		2
14	5 52 44.6		2	14	11 32 31.3		1
14	8 4 2.0	Im.	3	15	0 26 51.6 M.	Em.	2
14	10 5 40.1	Em.	3	20	4 25 25.5	Im.	3
20	8 21 57.0		1	20	6 34 53.4	Em.	3
21	8 28 40.8		2	22	0 30 26.0	Im.	2
22	0 6 10.5 M.	Im.	3	22	1 25 59.9		1
27	10 17 49.8 A.	Em.	1	22	3 4 7.2	Em.	2
28	11 4 38.8		2	29	3 7 25.8	Im.	2
				29	3 19 26.4		1
Mar. 1	4 46 43.2 A.	Em.	1	29	5 41 21.8	Em.	2
8	6 42 30.7		1	30	9 47 48.4	Im.	1
15	8 38 13.4		1				
18	5 34 42.5		2	Sept. 5	5 12 51.5 M		1
22	4 15 5.3	Im.	3	5	5 44 24.7		2
22	6 16 39.1	Em.	3	6	11 41 13.2 A.		1
22	10 33 50.6		1	8	9 37 44.9	Em.	2
24	5 2 46.6		1	14	1 37 37.8 M.	Im.	1

Date.	Mean Time.	Ph'se.	Sat.	Date.	Mean Time.	Ph'se.	Sat.
d.	h. m. s.			d.	h. m. s.		
Sep. 15	9 40 24.4 A.	Im.	2	Nov. 7	10 15 7.6 A.	Im.	1
16	0 14 54.9 M.	Em.	2	8	5 15 51.8 M.		2
17	10 34 8.8 A.		3	11	6 34 32.9 A.		2
21	3 28 2.8 M.	Im.	1	13	5 40 38.2 M.		1
22	9 56 25.7 A.		1	14	4 17 50.4		3
23	0 17 19.1 M.		2	15	0 9 10.2		1
23	2 52 2.5	Em.	2	16	6 37 40.2 A.		1
25	0 21 47.4	Im.	3	18	9 11 8.1		2
25	2 34 43.2	Em.	3	22	2 3 21.3 M.		1
28	5 21 29.3	Im.	1	23	8 31 53.4 A.		1
29	11 49 52.9 A.		1	25	11 47 40.9		2
30	2 54 11.6 M.		2	28	3 57 41.8 M.		1
				30	10 26 16.0		1
Oct. 2	4 21 3.7 M.	Im.	3				
2	6 34 44.7	Em.	3	Dec. 3	2 24 11.9 M.	Im.	2
7	1 43 22.9	Im.	1	5	6 38 22.1 A.	Em.	3
7	5 31 1.2		2	6	6 18 41.6		2
8	8 11 44.7 A.		1	8	2 29 57.0 M.		1
14	3 36 56.7 M.		1	9	8 58 41.7 A.		1
15	10 5 19.4 A.		1	10	7 37 13.9 M.		2
17	9 25 43.2		2	12	10 39 6.6 A.		3
21	5 30 35.3 M.		1	13	8 55 19.2		2
22	11 58 59.1 A.		1	15	4 24 45.9 M.		1
25	0 2 28.4		2	16	10 53 32.8 A.		1
30	1 52 45.0		1	18	5 22 15.3		1
30	8 17 58.0 A.		3	20	2 40 25.4 M.		3
30	10 34 49.1	Em.	3	20	11 31 53.8 A.		2
31	8 21 12.9	Im.	1	22	6 19 44.3 M.		1
				24	0 48 33.6		1
Nov. 1	2 39 10.9 M.	Im.	2	25	7 17 18.1 A.		1
6	3 46 37.7		1	27	6 41 47.3 M.		3
7	0 17 33.6		3	28	2 8 25.6		2
7	2 35 13.3	Em.	3	31	2 43 43.2		1

A Table showing the Illuminated Portion of the Discs of Venus and Mars.

The numbers in this table are the versed sines of that portion of the Discs, which, to an observer on the Earth, will appear to be illuminated, the apparent diameter of the planet at the time being considered as *unity*.

To a spectator on the Earth, Venus appears most brilliant when her elongation is about 45°, and she is approaching her inferior conjunction, or receding from it; in which positions she will be this year on the 26th of January, and the 7th of April. Mars is most brilliant about the time

of his opposition to the Sun, being then also nearest to the Earth, in which position he will not be this year.

1846.	Venus.	Mars.	1846.	Venus.	Mars.
January 15	0.351	0.880	July 15	0.761	0.990
February 14	0.087	0.899	August 15	0.851	0.998
March 15	0.055	0.920	September 15	0.919	1.000
April 15	0.326	0.942	October 15	0.966	0.996
May 15	0.514	0.962	November 15	0.992	0.986
June 15	0.653	0.978	December 15	1.000	0.971

Position and Magnitude of the Rings of Saturn, according to Bessel and Struve, for every fortieth day in the year, at 7 hours in the morning.

M. Time at Washington.	*a*.	*b*.	*p*.	*l*.	*l'*.
7h. M.					
1846 January 1	35·23	+ 9.07	+7 12.1	+14 55.5	+13 34.1
February 10	34.58	7.76	6 58.1	12 58.3	13 4.1
March 22	35.24	6.72	42.3	10 59.3	12 33.8
May 1	37.08	6.13	29.5	9 31.2	12 3.0
June 10	39.64	6.22	24.3	9 2.0	11 32.0
July 20	41.93	7.06	26.9	9 41.7	11 0.6
August 29	42.58	8.15	39.6	11 2.2	10 28.8
October 8	41.08	8.59	48.0	12 3.9	9 56.8
November 17	38.50	8.02	48.1	12 1.6	9 24.4
December 27	36.22	6.81	38.9	10 5.5	8 51.7
" 31	36.04	6.67	37.5	10 40.3	8 48.5

a denotes the semitransverse axis of the rings.

b " " semiconjugate axis of the rings, positive when their northern surface is visible, negative when their southern.

p denotes the inclination of the Northern semiconjugate axis of the rings to the circle of declination; + when East, — when West.

l " " angle of elevation of the Earth above the plane of the rings, as seen from Saturn; + when North, — when South.

l' " " elevation of the Sun above the plane of the rings, as seen from Saturn; + when North, — when South.

The Conjunction of Saturn will take place on the 9th of February, and the Opposition on the 20th of August. The Right Ascension of this planet will not during the year differ much from 22h., and its declination will not be less than 12° South, so that it will not rise to a great height even when in the meridian.

LATITUDE AND LONGITUDE OF SOME OF THE PRINCIPAL PLACES IN THE UNITED STATES, &c., WITH THEIR DISTANCES FROM THE CITY OF WASHINGTON.

The Longitudes are reckoned from Greenwich.

The Capitals (Seats of Government) of the States and Territories are designated by Italic Letters.

		Latitude, North.	Longitude, West, in degrees.	Longitude, West, in time.	Dist. from Wash'ton.
		° ′ ″	° ′ ″	h. m. s.	miles.
Albany (Capitol), .	N. Y.	42 39 3	73 44 49	4 54 59.3	376
Alexandria, . .	D. C.	38 49	77 4	5 8 16	6
Amherst (Col. Chapel),	Mass.	42 22 15.6	72 31 28	4 50 6	383
Annapolis, . .	Md.	38 58 35	76 33	5 6 12	37
Auburn, . . .	N. Y.	42 55	76 28	5 5 52	339
Augusta, . .	Ga.	33 28	81 54	5 27 36	580
Augusta (State House),	Me.	44 18 43	69 50	4 39 20	595
Baker's Island (Lights),	Mass.	42 32 12	70 47 28	4 43 10	452
Baltimore (Bat. Mon't),	Md.	39 17 23	76 37 30	5 6 30	38
Bangor (Court House),	Me.	44 47 50	68 47	4 35 8	661
Barnstable (New C. H.),	Mass.	41 42 6	70 18 34	4 41 14.3	466
Batavia, . .	N. Y.	42 59	78 13	5 12 52	370
Beaufort (Arsenal), .	S. C.	32 25 57	80 41 23	5 22 45.6	629
Boston (State House),	Mass.	42 21 22.7	71 4 9	4 44 16.6	432
Do. (Light),		42 19 41.1	70 53 43	4 43 33.9	
Bridgeport (Bapt. Ch.),	Conn.	41 10 30	73 11 46	4 52 47	234
Bristol (Episcopal Ch.),	R. I.	41 40 3	71 17 19	4 45 9.3	409
Brooklyn (Navy Yard),	N. Y.	40 41 50	73 59 30	4 55 58	227
Brunswick (College),	Me.	43 53 0	69 55 1	4 39 40.1	568
Buffalo, . .	N. Y.	42 53	78 55	5 15 40	376
Burlington, . .	N. J.	40 5 10	74 52 37	4 59 30.5	156
Burlington, . .	Vt.	44 27	73 10	4 52 40	440
Cambridge (Observatory),	Ms.	42 22 48.6	71 8 0	4 44 32	431
Camden, . .	S. C.	34 17	80 33	5 22 12	467
Canandaigua, . .	N. Y.	42 54	77 17	5 9 8	336
Cape Ann (North Light),	Mass.	42 38 21	70 34 48	4 42 19.2	470
Do. (South Light),		42 38 13	70 34 48	4 42 19.2	
Cape Cod (Light House),	Mass.	42 2 23	70 3 55	4 40 16	507
Castine, . .	Me.	44 22 30	68 45	4 35	
Charleston (St. Mich's Ch.)	S.C.	32 46 33	79 57 27	5 19 49.8	544
Charlestown (Navy Y'd),	Mass.	42 22	71 3 33	4 44 14.2	433
Chicago, . .	Il.	42 0	87 35	5 50 2	763
Cincinnati (Fort Wash.),	Ohio,	39 5 54	84 27	5 37 48	497
Columbia, . .	S. C.	33 57	81 7	5 24 28	500
Columbus, . . .	Ohio,	39 57	83 3	5 32 12	396
Concord (State House),	N. H.	43 12 29	71 29	4 45 56	474
Dayton, . .	Ohio,	39 44	84 11	5 36 44	
Dedham (1st Cong. Ch.),	Mass.	42 14 57	71 10 59	4 44 44	422
Detroit, . . .	Mich.	42 24	82 58	5 31 52	526

		Latitude, North.	Longitude, West, in degrees.	Longitude, West, in time.	Dist. from Wash'ton.
		° ′ ″	h. m. s.	h. m. s.	miles.
Dorchester (Ast. Obs.),	Mass.	42 19 10	71 4 19	4 44 17.3	432
Dover,	Del.	39 10	75 30	5 2 0	114
Dover,	N. H.	43 13	70 54	4 43 36	490
Easton (Court House),	Md.	38 46 10	76 8	5 4 32	80
Eastport,	Me.	44 54	66 56	4 27 44	778
Edenton,	N. C.	36 0	77 7	5 26 28	284
Exeter,	N. H.	42 58	70 55	4 43 40	474
Frankfort,	Ky.	38 14	84 40	5 38 40	551
Fredericksburg,	Va.	38 34	77 38	5 10 32	56
Frederickton,	N. B.	46 3	66 45	4 27 0	
Frederick,	Md.	39 24	77 18	5 0 12	43
Georgetown,	S. C.	33 21	79 17	5 17 8	482
Gloucester (Univ. Ch.),	Mass.	42 36 44	70 40 19	4 42 41.3	462
Do. (E. P'nt L't.)		42 34 49.6	70 40 11	4 42 40.8	466
Do. (Ten P'nd Isl. L't.)		42 36 4	70 40 17	4 42 41.1	463
Greenfield (2d Con. Ch.),	Mass.	42 35 16	72 36 32	4 50 26.1	396
Hagerstown,	Md.	39 37	77 35	5 10 20	68
Halifax,	N. S.	44 39 20	63 36 40	4 14 26.7	936
Hallowell,	Me.	44 17	69 50	4 39 30	503
Harrisburg,	Pa.	40 16	76 50	5 7 20	110
Hartford (State House),	Conn.	41 45 50	72 40 45	4 50 43	335
Holmes's Hole (Windmill),	Ms.	41 27 15	70 36 38	4 42 26.5	457
Hudson,	N. Y.	42 14	73 46	4 55 4	345
Hudson (Reserve Coll.),	Ohio,	41 14 42	81 24 54	5 25 39.6	
Huntsville,	Ala.	34 36	86 57	5 47 48	726
Indianapolis,	Ind.	39 55	86 5	5 44 20	573
Ipswich (Eastern Light),	Mass.	42 41 8	70 46 17	4 43 5	462
Do. (West. Light),		42 41 8	70 46 34	4 43 6.3	
Jackson,	M'pi.	32 23	90 8	6 0 32	1035
Jefferson,	M'ri.	38 36	92 8	6 8 32	930
Key West, (S. W. Pt.)	Fa.	24 32	81 47 30	5 27 10	
Kingston,	U. C.	44 8	76 40	5 6 40	456
Knoxville,	Tenn.	35 59	83 54	5 35 36	516
Lancaster,	Pa.	40 2 36	76 20 33	5 5 22.2	109
Lexington,	Ky.	38 6	84 18	5 37 12	534
Little Rock,	Ark.	34 40	92 12	6 8 48	1068
Lockport,	N. Y.	43 11	78 46	5 15 4	403
Louisville,	Ky.	38 3	85 30	5 42 0	590
Lowell (St. Ann's Ch.),	Mass.	42 38 46.7	71 19 2	4 45 16	439
Lynchburg,	Va.	37 36	79 22	5 17 28	198
Lynn Church,	Mass.	42 27 51	70 57 25	4 43 50	441
Machias Bay,	Me.	44 33	67 22	4 29 28	
Marblehead,	Mass.	42 30 24	70 51 24	4 43 25.6	450
Marblehead (Light),	Mass.	42 30 14	70 50 39	4 43 22.6	448
Middletown (W. Univ.),	Conn.	41 33 8	72 39	4 50 36	325
Milledgeville,	Ga.	33 7 20	83 19 45	5 33 19.0	642
Mobile,	Ala.	30 41 48	87 59	5 51 56	1033
Montpelier,	Vt.	44 17	72 36	4 50 24	524
Monomoy Point Light,	Mass.	41 33 35	69 59 56	4 40 0	500

		Latitude, North.	Longitude, West, in degrees.	Longitude, West, in time.	Dist. from Wash'ton.
		° ′ ″	° ′ ″	h. m. s.	miles.
Montreal,	L. C.	45 31	73 35	4 54 20	601
Nantucket (S'th Tower),	Mass.	41 16 56	70 6 12	4 40 24.8	490
Nashville (University),	Tenn.	36 9 33	86 49 3	5 47 16.2	714
Natchez (Fort Panmure),	M'pi.	31 34	91 24 42	6 5 38.8	1146
Newark,	N. J.	40 45	74 10	4 56 40	215
N. Bedford (Mar.'s Ch.)	Mass.	41 38 7	70 55 49	4 43 43.3	429
Newbern,	N. C.	35 20	77 5	5 8 20	337
Newburg,	N. Y.	41 31	74 1	4 56 4	232
Newburyport (2d Pres. C.),	Ms.	42 48 32	70 52 47	4 43 31·1	466
Do. (Lights),	Mass.	42 48 30	70 49 6	4 42 18.0	469
Newcastle,	Del.	39 40	75 38	5 2 8	103
New Haven (College),	Conn.	41 18 30	72 56 45	4 51 47	301
New London,	Conn.	41 22	72 9	4 48 36	354
New Orleans (City Hall),	La.	29 57 30	90	6 0	1203
Newport (Court House),	R. I.	41 29	71 19 12	4 45 16.8	403
New York (City Hall),	N. Y.	40 42 40	74 1 8	4 56 4.5	226
Nobsque Point Light,	Mass.	41 30 57	70 39 37	4 42 38.5	450
Norfolk (Farmer's Bank),	Va.	36 50 50	76 18 47	5 5 15.1	217
Northampton (1st C. Ch.)	Mass.	42 19 9	72 38 15	4 50 33.2	376
Norwich,	Conn.	41 33	72 7	4 48 28	362
Pensacola,	Fa.	30 24	87 10 12	5 48 40.8	1050
Petersburg,	Va.	37 13 54	77 20	5 9 20	144
Philadelphia (Ind'ce H.),	Pa.	39 56 59	75 9 54	5 0 39.6	136
Do. (High Sch. Obs.)		39 57 9	75 10 37	5 0 42.5	
Pittsburg,	Pa.	40 32	80 2	5 20 8	223
Pittsfield (1st Con. Ch.),	Mass.	42 26 55	73 15 36	4 53 2.3	380
Plattsburgh,	N. Y.	44 42	73 26	4 53 44	539
Plymouth (Court H.),	Mass.	41 57 26	70 40 19	4 42 41.3	439
Portland (Mount Joy),	Me.	43 39 52	70 13 34	4 40 54.2	542
Do. (Light),		43 36	70 12 12	4 40 49	
Portsmouth (Unit. Ch.),	N. H.	43 4 35	70 45 50	4 43 3.3	491
Do. (Light),		43 3 30	70 43	4 42 52	
Poughkeepsie,	N. Y.	41 41	73 55	4 55 40	301
Princeton (Nassau Hall),	N. J.	40 20 41	74 39 30	4 58 38	177
Providence (Univ. Hall),	R. I.	41 49 22	71 24 48	4 45 39.2	394
Quebec (Citadel),	L. C.	46 49 12	71 16	4 45 4	781
Raleigh,	N. C.	35 47	78 48	5 15 12	286
Richmond (Capitol),	Va.	37 32 17	77 27 28	5 9 49.9	122
Rochester (R'r House),	N. Y.	43 8 17	77 51	5 11 24	361
Sable (Cape),	Fa.	24 50	81 15	5 25 0	
Sackett's Harbor,	N. Y.	43 55	76 57	5 3 48	407
Saco,	Me.	43 31	70 26	4 41 44	528
St. Augustine,	Fa.	29 48 30	81 35	5 26 20	841
St. Louis,	M'ri.	38 37 28	90 15 16	6 1 0.7	856
Salem (E. I. M. Hall),	Mass.	42 31 18	70 53 53	4 43 35.5	446
Sandwich (1st Con. Ch.),	Mass.	41 45 31	70 30 13	4 42 0.8	456
Savannah (Exchange),	Ga.	32 4 56	81 8 18	5 24 33.2	662
Schenectady,	N. Y.	42 48	73 55	4 55 40	391
Springfield,	Il.	39 48	89 33	5 58 12	801

	Latitude, North.	Longitude, West, in degrees.	Longitude, West, in time.	Dist. from Wash'ton.
	° ′ ″	° ′ ″	h. m. s.	miles.
Springfield (Court H.), Mass.	42 6 4	72 35 45	4 50 23	357
Squam Harbor (Light), Mass.	42 39 46	70 41 8	4 42 44.5	466
Straitsmouth Island (Light), "	42 30 41	70 35 36	4 42 22.4	471
Stratford, . . Conn.	41 11 7	73 8 45	4 52 35	287
Tallahassee, . . Fa.	30 26	84 36	5 38 24	896
Taunton (Trin. Con. Ch.), Mass.	41 54 11	71 5 55	4 44 23.6	415
Toronto or York, (Obser.) U. C.	43 39 35	79 21 30	5 17 26	500
Trenton, . . . N. J.	40 14	74 30	4 58 36	166
Troy, ... N. Y.	42 44	73 40	4 54 40	383
Tuscaloosa, . . Ala.	33 12	87 42	5 50 48	858
University of Virginia, Va.	38 2 3	78 31 29	5 14 5.9	124
Utica (Dutch Church), N. Y.	43 6 49	75 13	5 0 52	383
Vandalia, . . Il.	38 50	89 2	5 56 8	781
Vevay, ... Ind.	38 46	84 59	5 39 56	556
Vincennes, . . Ind.	38 43	87 25	5 49 40	693
WASHINGTON (Capitol), D. C.	38 53 23	77 1 24	5 8 5.6	
Washington, . . M'pi.	31 36	91 20	6 5 20	1146
Wheeling, . . Va.	40 7	80 42	5 22 48	264
Williamstown (Con. Ch.) Mass.	42 42 49	73 13 10	4 52 52.6	406
Wilmington, . . Del.	39 41	75 28	5 1 52	108
Wilmington, . . N. C.	34 11	78 10	5 12 40	416
Worcester (Ant. Hall), Mass.	42 16 17	71 48 13	4 47 13.3	394
York, ... Me.	43 10 0	70 40	4 42 40	500
York, ... Pa.	39 58	76 40	5 6 40	87
Yorktown, . . Va.	37 13	76 34	5 6 16	

LATITUDE AND LONGITUDE OF THE PRINCIPAL FOREIGN OBSERVATORIES.

[The Longitudes are from Greenwich.]

Observatories.	Latitude.	Longitude in time.
	° ′ ″	h. m. s.
Altona, ...	53 32 45 N.	0 39 46.6 E.
Armagh, ...	54 21 12,7 N.	0 26 35.5 W.
Berlin, ...	52 31 15,5 N.	0 53 35.5 E.
Brussels, ...	50 51 10,7 N.	0 17 29.0 E.
Cambridge, ...	52 12 51,8 N.	0 0 23.5 E.
Cape of Good Hope, . .	33 56 3 S.	1 13 55.0 E.
Dorpat, ...	58 22 47 N.	1 46 55 E.
Dublin, ...	53 23 13 N.	0 25 22 W.
Edinburgh, ...	55 57 23,2 N.	0 12 43.6 W.
Gottingen, ...	51 31 48 N.	0 39 46.5 E.
Greenwich, ...	51 28 39.0 N.	0 0 0.0
Königsberg, ...	54 42 50 N.	1 22 0.5 E.
Munich, ...	48 8 45 N.	0 46 26.5 E.
Paris, ...	48 50 13 N.	0 9 21.5 E.
Petersburg, ...	59 56 31 N.	2 1 15,8 E.
Rome, ...	41 53 53 N.	0 49 52.7 E.
Turin, ...	45 4 6 N.	0 30 48.4 E.
Vienna, ...	48 12 35 N.	1 5 31.9 E.

At Apparent Noon

JANUARY.

D.	Semi-Diam.	S. D. culm.	Obliquity of the Ecliptic.	D.
	′ ″	m. sec.		
1	16 17.3	1 11.01	1st, 23° 27′ and 26.59″; 11th, 26.59″; 21st, 26.67″; 31st, 26.78″.	2
3	17.3	10.99		4
5	17.2	10.80		6
7	17.2	10.67		8
9	17.1	10.53		10
11	17.0	10.37		12
13	16.9	10.21		14
15	16.8	10.03		16
17	16.6	9.81		18
19	16.4	9.64		20
21	16.2	9.43		22
23	16.0	9.21		24
25	15.7	8.99		26
27	15.5	8.77		28
29	15.2	8.54		30
31	15.0	8.31		

Horizontal Parallax.
1st, 8.72″; 11th, 8.72″; 21st, 8.71″; 31st, 8.70.″

D.	Declina. South.	Equat of T. *to be added to Appar. Time.*	Sidereal Time at mean noon	D.
	° ′ ″	m. s.	h. m. sec.	
1	23 1 11.0	3 50.44	18 43 1.35	1
2	22 56 0.4	4 18.75	46 57.91	2
3	22 50 22.4	4 46.68	50 54.46	3
4	22 44 17.2	5 14.20	54 51.02	4
5	22 37 45.0	5 41.28	58 47.58	5
6	22 30 45.9	6 7.90	19 2 44.14	6
7	22 23 20.3	6 34.03	6 40.69	7
8	22 15 28.2	6 59.63	10 37.25	8
9	22 7 10.0	7 24.70	14 33.81	9
10	21 58 25.8	7 49.21	18 30.36	10
11	21 49 15.9	8 13.13	22 26.92	11
12	21 39 40.6	8 36.45	26 23.48	12
13	21 29 40.1	8 59.13	30 20.03	13
14	21 19 14.7	9 21.21	34 16.59	14
15	21 8 24.7	9 42.62	38 13.15	15
16	20 57 10.4	10 3.36	42 9.70	16
17	20 45 32.1	10 23.42	46 6.26	17
18	20 33 30.0	10 42.79	50 2.81	18
19	20 21 4.6	11 1.45	53 59.37	19
20	20 8 16.2	11 19.39	57 55.93	20
21	19 55 5.1	11 36.59	20 1 52.48	21
22	19 41 31.6	11 53.05	5 49.04	22
23	19 27 36.2	12 8.74	9 45.60	23
24	19 13 19.2	12 23.66	13 42.15	24
25	18 58 41.0	12 37.80	17 30.71	25
26	18 43 42.1	12 51.14	21 35.26	26
27	18 28 22.7	13 3.67	25 31.82	27
28	18 12 43.4	13 15.38	29 28.37	28
29	17 56 44.5	13 26.28	33 24.93	29
30	17 40 26.4	13 36.34	37 21.48	
31	17 23 49.5	13 45.58	41 18.04	

At Apparent Noon at Greenwich.

MARCH.				APRIL.			
D.	Semi-Diam.	S. D. culm.		D.	Semi-Diam.	S. D. culm.	
	′ ″	m. sec.			′ ″	m. sec.	
2	16 8.9	1 5.28	Obliquity of the Ecliptic. 2d, 23°27′ and 27.07″; 12th, 27.06″; 22d, 27.05″. Horizontal Parallax. 2d, 8.65″; 12th, 8.63″; 22d, 8.60″.	1	16 0.9	1 4.42	Obliquity of the Ecliptic. 1st, 23° 27′ and 26.94″; 11th, 26.77″; 21st, 26.56″. Horizontal Parallax. 1st, 8.59″; 11th, 8.55″; 21st, 8.53″.
4	9.4	5.14		3	0.3	4.46	
6	7.9	5.02		5	15 59.8	4.51	
8	7.4	4.90		7	59.3	4.57	
10	6.9	4.79		9	58.7	4.64	
12	6.4	4.70		11	58.2	4.72	
14	5.8	4.62		13	57.6	4.81	
16	5.3	4.55		15	57.1	4.91	
18	4.8	4.49		17	56.6	5.02	
20	4.2	4.45		19	56.0	5.13	
22	3.6	4.41		21	55.5	5.26	
24	3.1	4.39		23	55.0	5.38	
26	2.5	4.38		25	54.5	5.52	
28	2.0	4.38		27	54.0	5.66	
30	1.4	4.39		29	53.5	5.82	
32	0.9	4.42		31	53.1	5.97	

D.	Declina. South.	Equat. of T. *to be added to Appar. Time.*	Sidereal Time at mean noon	D.	Declina. North.	Equat. of T. *add to Appar.* till 16th.	Sidereal Time at mean noon
	° ′ ″	m. sec.	h. m. sec.		° ′ ″	m. sec.	h. m. sec.
1	7 36 29.0	12 37.17	22 35 38.09	1	4 30 25.5	4 0.13	0 37 51.21
2	7 13 38.9	12 25.08	39 34.65	2	4 53 31.5	3 41.98	41 47.76
3	6 50 42.8	12 12.48	43 31.20	3	5 16 32.2	3 23.94	45 44.31
4	6 27 41.1	11 59.39	47 27.75	4	5 39 27.2	3 6.03	49 40.86
5	6 4 34.1	11 45.83	51 24.30	5	6 2 16.3	2 48.26	53 37.42
6	5 41 22.2	11 31.81	55 20.86	6	6 24 59.1	2 30.65	57 33.97
7	5 18 5.8	11 17.35	59 17.41	7	6 47 35.2	2 13.23	1 1 30.52
8	4 54 45.3	11 2.48	23 3 13.96	8	7 10 4.3	1 56.01	5 27.07
9	4 31 21.1	10 47.22	7 10.51	9	7 32 26.2	1 39.02	9 23.63
10	4 7 53.5	10 31.60	11 7.06	10	7 54 40.4	1 22.27	13 20.18
11	3 44 22.9	10 15.62	15 3.62	11	8 16 46.7	1 5.79	17 16.73
12	3 20 49.5	9 59.32	19 0.17	12	8 38 44.6	0 49.59	21 13.28
13	2 57 13.9	9 42.73	22 56.72	13	9 0 34.0	0 33.69	25 9.84
14	2 33 36.4	9 25.86	26 53.27	14	9 22 14.5	0 18.13	29 6.39
15	2 9 57.2	9 8.74	30 49.83	15	9 43 45.8	+0 2.92	33 2.94
16	1 46 16.7	8 51.40	34 46.38	16	10 5 7.6	−0 11.92	36 59.50
17	1 22 35.3	8 33.85	38 42.93	17	10 26 19.5	0 26.38	40 56.05
18	0 58 53.4	8 16.12	42 39.48	18	10 47 21.1	0 0.44	44 52.60
19	0 35 11.3	7 58.24	46 36.03	19	11 8 12.2	0 54.09	48 49.16
20	So 11 29.4	7 40.22	50 32.58	20	11 28 52.4	1 7.31	52 45.71
21	No 12 12.0	7 22.03	54 29.14	21	11 49 21.5	1 20.09	56 42.26
22	0 35 52.5	7 3.85	58 25.09	22	12 9 38.9	1 32.41	2 0 38.81
23	0 59 31.7	6 45.54	0 2 22.24	23	12 29 44.4	1 44.27	4 35.37
24	1 23 9.2	6 27.17	6 18.79	24	12 49 37.7	1 55.66	8 31.92
25	1 46 44.7	6 8.76	10 15.34	25	13 9 19.4	2 6.58	12 28.48
26	2 10 17.8	5 50.32	14 11.90	26	13 28 46.2	2 17.01	16 25.03
27	2 33 48.2	5 31.88	18 8.45	27	13 48 0.7	2 26.94	20 21.58
28	2 57 15.4	5 13 45	22 5.00	28	14 7 1.6	2 36.38	24 18.14
29	3 20 39.1	4 55.05	26 1.55	29	14 25 48.5	2 45.31	28 14.69
30	3 43 58.9	4 36.68	29 58 10	30	14 44 21.2	2 53.74	32 11.25
31	4 7 14.5	4 18.37	33 54.66	31	15 2 39.3	3 1.65	36 7.80

At Apparent Noon at Greenwich.

MAY.

D.	Semi-Diam.	S. D. culm.	Obliquity of the Ecliptic. / Horizontal Parallax.
	′ ″	m. sec.	
1	15 53.1	1 5.97	1st, 23° 27′ and 25.32″; 11th, 26.07″; 21st, 25.83″; 31st, 25.63″. / 1st, 8.51″; 11th, 8.49″; 21st, 8.47″; 31st, 8.46″.
3	52.6	6.13	
5	52.2	6.29	
7	51.7	6.45	
9	51.3	6.62	
11	50.9	6.78	
13	50.4	6.95	
15	50.1	7.11	
17	49.7	7.27	
19	49.3	7.42	
21	48.9	7.58	
23	48.5	7.73	
25	48.2	7.87	
27	47.9	8.00	
29	47.6	8.14	
31	47.3	8.26	

JUNE.

D.	Semi-Diam.	S. D. culm.	Obliquity of the Ecliptic. / Horizontal Parallax.
	′ ″	m. sec.	
2	15 47.1	1 8.38	10th, 23° 27′ and 25.47″; 20th, 25.37″; 30th, 25.39″. / 10th, 8.45″; 20th, 8.44″; 30th, 8.44″.
4	46.9	8.48	
6	46.6	8.58	
8	46.4	8.66	
10	46.2	8.73	
12	46.0	8.79	
14	45 8	8.84	
16	45.7	8.87	
18	45.5	8.89	
20	45.4	8.89	
22	45.3	8.89	
24	45.2	8.87	
26	45.1	8.85	
28	45.1	8.81	
30	45.1	8.75	
32			

MAY.

D.	Declina. North.	Equat. of T. *to be subtr. fr. Appar. Time.*	Sidereal Time at mean noon
	° ′ ″	m. sec.	h. m sec.
1	15 2 39.3	3 1.65	2 36 7.80
2	15 20 42.4	3 9.04	40 4.35
3	15 38 30.4	3 15.91	44 0.91
4	15 56 2.8	3 22.25	47 57.46
5	16 13 19.4	3 28.04	51 54.02
6	16 30 19.8	3 33.30	55 50.57
7	16 47 3.8	3 38.01	59 47.13
8	17 3 31.0	3 42.16	3 3 43.63
9	17 19 41.2	3 45.74	7 40.24
10	17 35 34.1	3 48.76	11 36.79
11	17 51 9.4	3 51.21	15 33.34
12	18 6 26.8	3 53.07	19 29.90
13	18 21 26.1	3 54.36	23 26.46
14	18 36 6.9	3 55.06	27 23.01
15	18 50 29.0	3 55.16	31 19.57
16	19 4 32.1	3 54.68	35 16.12
17	19 18 15.9	3 53.61	39 12.68
18	19 31 40.1	3 51.96	43 9.23
19	19 44 44.6	3 49.73	47 5.79
20	19 57 29.0	3 46.93	51 2.34
21	20 9 53.0	3 43.56	54 58.90
22	20 21 56.4	3 39.64	58 55.46
23	20 33 39.0	3 35.18	4 2 52.01
24	20 45 0.5	3 30.18	6 48.57
25	20 56 0.6	3 24.67	10 45.12
26	21 6 39.2	3 18.66	14 41.68
27	21 16 56.0	3 12.16	18 38.24
28	21 26 50.7	3 5.18	22 34.79
29	21 36 23.2	2 57.75	26 31.35
30	21 45 33.2	2 49.90	30 27.90
31	21 54 20.6	2 41.63	34 24.46

JUNE.

D.	Declina. North.	Equat. of T. *sub. fr Appar.* till 15th.	Sidereal Time at mean noon
	° ′ ″	m. sec.	h. m. sec.
1	22 2 45.1	2 32.95	4 38 21.02
2	22 10 46.7	2 23.89	42 17.57
3	22 18 25.0	2 14.46	46 14.13
4	22 25 40.0	2 4.68	50 10.69
5	22 32 31.5	1 54.56	54 7.24
6	22 38 59.3	1 44.11	58 3.80
7	22 45 3.4	1 33.36	5 2 0.36
8	22 50 43.5	1 22.33	5 56.91
9	22 55 59.6	1 1.03	9 53.47
10	23 0 51.5	0 59.46	13 50.03
11	23 5 19.1	0 47.65	17 46.59
12	23 9 22.3	0 35.63	21 43.14
13	23 13 1.1	0 23.40	25 39.70
14	23 16 15.4	− 0 10.98	29 36.26
15	23 19 5.0	+ 0 1.61	33 32.81
16	23 21 30.0	0 14.34	37 29.37
17	23 23 30.2	0 27.19	41 25.93
18	23 25 5.7	0 40.13	45 22.48
19	23 26 16.4	0 53.15	49 19.04
20	23 27 2.3	1 6.23	53 15.60
21	23 27 23.4	1 19.32	57 12.16
22	23 27 19.6	1 32.41	6 1 8.71
23	23 26 51.0	1 45.46	5 5.27
24	23 25 57.7	1 58.45	9 1.83
25	23 24 39.6	2 11.35	12 58.38
26	23 22 56.8	2 24.13	16 54.94
27	23 20 49.3	2 36.76	20 51.50
28	23 18 17.3	2 49.22	24 48.05
29	23 15 20.8	3 1.48	28 44.61
30	23 11 59.8	3 13.52	32 41.17
31	23 8 14.4	3 25.31	36 37.73

At Apparent Noon at Greenwich.

JULY.				AUGUST.			
D.	Semi-Diam.	S. D. culm.	Obliquity of the Ecliptic. 10th, 23° 27′ and 25.35″; 20th, 25.41″; 30th, 25.51″. Horizontal Parallax. 10th, 8.44″; 20th, 8.44″; 30th, 8.45″.	D	Semi-Diam.	S. D. culm.	Obliquity of the Ecliptic. 9th, 23° 27′ and 25.64″; 19th, 25.76″; 29th, 25.86″. Horizontal Parallax. 9th, 8.46″; 19th, 8.46″; 29th, 8.50″.
	′ ″	m. sec.			′ ″	m. sec.	
2	15 45.1	1 8.68		1	15 47.9	1 6.59	
4	45.1	8.60		3	47.3	6.42	
6	45.1	8.51		5	47.6	6.25	
8	45.2	8.40		7	47.9	6.08	
10	45.3	8.29		9	48.2	5.90	
12	45.3	8.17		11	48.5	5.74	
14	45.4	8.04		13	48.8	5.58	
16	45.5	7.90		15	49.2	5.42	
18	45.6	7.75		17	49.5	5.27	
20	45.8	7.60		19	50.9	5.12	
22	45.9	7.44		21	50.3	4.98	
24	46.1	7.28		23	50.7	4.85	
26	46.3	7.11		25	51.1	4.73	
28	46.5	6.93		27	51.6	4.61	
30	46.8	6.76		29	52.0	4.50	
32	47.0	6.59		31	52.5	4.40	

D.	Declina. North.	Equat. of T. *to be added to Appar. Time.*	Sidereal Time at mean noon	D.	Declina. North.	Equat. of T. *to be added to Appar. Time.*	Sidereal Time at mean noon
	° ′ ″	m. sec.	h. m. sec.		° ′ ″	m. sec.	h. m. sec.
1	23 8 14.4	3 25.31	6 36 37.73	1	18 4 26.1	6 2.97	8 38 50.97
2	23 4 4.8	3 36.84	40 34.28	2	17 49 13.5	5 59.27	42 47.52
3	22 59 31.1	3 48.08	44 30.84	3	17 33 43.6	5 54.95	46 44.08
4	22 54 33.3	4 59.00	48 27.40	4	17 17 56.5	5 50.01	50 40.63
5	22 49 11.6	4 9.60	52 23.95	5	17 1 52.6	5 44.46	54 37.19
6	22 43 26.1	4 19.86	56 20.51	6	16 45 32.2	5 38.31	58 33.74
7	22 37 16.9	4 29.76	7 0 17.07	7	16 28 55.5	5 31.56	9 2 30.30
8	22 30 44.2	4 39.29	4 13.62	8	16 12 2.8	5 24.23	6 26.85
9	22 23 48.1	4 48.42	8 10.18	9	15 54 54.5	5 16.31	10 23.41
10	22 16 28.8	4 57.15	12 6.74	10	15 27 30.8	5 7.82	14 19.96
11	22 8 46.5	5 5.47	16 3.29	11	15 19 51.9	4 58.78	18 16.51
12	22 0 41.2	5 13.36	19 59.85	12	15 1 58.3	4 49.18	22 13.07
13	21 52 13.3	5 20.82	23 56.41	13	14 43 50.2	4 39.04	26 9.62
14	21 43 22.8	5 27.82	27 52.96	14	14 25 27.8	4 28.37	20 6.18
15	21 34 10.0	5 34.36	31 49.52	15	14 6 51.6	4 17.18	34 2.73
16	21 24 35.1	5 40.42	35 46.08	16	13 48 1.8	4 5.49	37 59.28
17	21 14 38.2	5 46.00	39 42.63	17	13 28 58.8	3 53.28	41 55.84
18	21 4 19.7	5 51.08	43 39.19	18	13 9 42.9	3 40.58	45 52.39
19	20 53 39.8	5 55.64	47 35.74	19	12 50 14.3	3 27.40	48 48.94
20	20 42 38.6	5 59.67	51 32.30	20	12 30 33.5	3 13.75	53 45.50
21	20 31 16.5	6 3.16	55 28.89	21	12 10 40.7	2 59.62	57 42.05
22	20 19 33.7	6 6.10	59 25.41	22	11 50 36.4	2 45.03	10 1 38.60
23	20 7 30.4	6 8.48	8 3 21.97	23	11 30 20.9	2 29.99	5 35.16
24	19 55 6.9	6 10.29	7 18.52	24	11 9 54.5	2 14.51	9 31.71
25	19 42 23.6	6 11.50	11 15.08	25	10 49 17.5	1 58.59	13 28.26
26	19 29 20.6	6 12.12	15 11.64	26	10 28 30.2	1 42.25	17 24.82
27	19 15 58.2	6 12.14	19 8.19	27	10 7 33.0	1 25.51	21 21.37
28	19 2 16.8	6 11.54	23 4.75	28	9 46 26.2	1 8.37	25 17.92
29	18 48 16.6	6 10.33	27 1.30	29	9 25 10.2	0 50.85	29 14.48
30	18 33 57.9	6 8.50	30 57.86	30	9 3 45.2	0 32.95	33 11.03
31	18 19 21.0	6 6.05	34 54.41	31	8 42 11.6	0 14.71	37 7.58

At Apparent Noon at Greenwich.

SEPTEMBER.				OCTOBER.			
D.	Semi-Diam.	S. D. culm.		D.	Semi-Diam.	S. D. culm.	
	′ ″	m. sec.			′ ″	m. sec.	
2	15 53.0	1 4.31	Obliquity of the Ecliptic. 8th, 23° 27′ and 25.91″; 18th, 25.91″; 28th, 25.89″. Horizontal Parallax. 8th, 8.52″; 18th, 8.54″; 28th, 8.57″.	2	16 0.8	1 4.34	Obliquity of the Ecliptic. 8th, 23° 27′ and 25.74″; 18th, 25.57″; 28th, 25.35″. Horizontal Parallax. 8th, 8.50″; 18th, 8.52″; 28th, 8.54″.
4	53.4	4.23		4	1.3	4.44	
6	53.9	4.17		6	1.9	4.54	
8	54.4	4.11		8	2.4	4.66	
10	54.9	4.07		10	3.0	4.79	
12	55.4	4.03		12	3.5	4.94	
14	55.9	4.00		14	4.1	5.09	
16	56.4	3.99		16	4.6	5.26	
18	56.9	3.99		18	5.1	5.43	
20	57.5	4.00		20	5.7	5.61	
22	58.0	4.02		22	6.2	5.80	
24	58.5	4.06		24	6.8	6.00	
26	59.1	4.11		26	7.3	6.21	
28	59.7	4.18		28	7.8	6.43	
30	16 0.2	4.26		30	8.3	6.65	
32				32	8.9	6.87	

D.	Declina. North.	Equat. of T. *to be subtr. fr. Appar. Time.*	Sidereal Time at mean noon	D.	Declina. South.	Equat. of T. *to be subtr. fr. Appar. Time.*	Sidereal Time at mean noon
	° ′ ″	m. sec.	h. m. sec.		° ′ ″	m. sec.	h. m. sec.
1	8 20 29.7	0 3.86	10 41 4.13	1	3 8 27.8	10 15.19	12 39 20.70
2	7 58 39.9	0 22.75	45 0.69	2	3 31 45.7	10 34.22	43 17.25
3	7 36 42.3	0 41.94	48 57.24	3	3 55 1.3	10 52.96	47 13.80
4	7 14 37.4	1 1.39	52 53.79	4	4 18 14.1	11 11.38	51 10.35
5	6 52 25.4	1 21.10	56 50.34	5	4 41 23.8	11 29.45	55 6.90
6	6 30 6.6	1 41.03	11 0 46.90	6	5 4 30.0	11 47.16	59 3.46
7	6 7 41.3	2 1.18	4 43.45	7	5 27 32.5	12 4.47	13 3 3.01
8	5 45 9.9	2 21.51	8 40.00	8	5 50 30.9	12 21.37	6 56.56
9	5 22 32.6	2 42.01	12 36.55	9	6 13 24.8	12 37.92	10 53.11
10	4 59 49.8	3 2.65	16 33.10	10	6 36 13.8	12 53.82	14 49.66
11	4 37 1.8	3 23.41	20 29.66	11	6 58 57.6	13 9.35	18 46.22
12	4 14 8.9	3 44.26	24 26.21	12	7 21 35.9	13 24.36	22 42.77
13	3 51 11.4	4 5.20	28 22.76	13	7 44 8.2	13 38.85	26 39.32
14	3 28 9.8	4 26.20	32 19.31	14	8 6 34.2	13 52.80	30 35.87
15	3 5 4.2	4 47.24	36 15.87	15	8 28 53.5	14 6.20	34 32.43
16	2 41 55.0	5 8.30	40 12.42	16	8 51 5.6	14 19.02	38 28.98
17	2 18 42.7	5 29.36	44 8.97	17	9 13 10.2	14 31.25	42 25.53
18	1 55 27.5	5 50.42	48 5.52	18	9 35 7.0	14 42.88	46 22.08
19	1 32 9.8	6 11.44	52 2.07	19	9 56 55.5	14 53.89	50 18.64
20	1 8 50.0	6 32.41	55 58.62	20	10 18 35.2	15 4.27	54 15.19
21	0 45 28.4	6 53.32	59 55.18	21	10 40 5.7	15 14.01	58 11.74
22	No 22 5.3	7 14.16	12 3 51.73	22	11 1 26.8	15 23.10	14 2 8.30
23	So 1 18.8	7 34.90	7 48.28	23	11 22 37.9	15 31.52	6 4.85
24	0 24 43.6	7 55.53	11 44.83	24	11 43 38.6	15 39.27	10 1.40
25	0 48 8.8	8 16.02	15 41.38	25	12 4 28.6	15 46.32	13 57.96
26	1 11 34.0	8 36.36	19 37.94	26	12 25 7.4	15 52.68	17 54.51
27	1 34 58.8	8 56.54	23 34.49	27	12 45 34.7	15 58.32	21 51.06
28	1 58 23.0	9 16.53	27 31.04	28	13 5 50.0	16 3.24	25 47.62
29	2 21 46.2	9 36.32	31 27.59	29	13 25 52.8	16 7.43	29 44.17
30	2 45 7.0	9 55.88	35 24.14	30	13 45 42.9	16 10.87	33 40.72
31	3 8 27.8	10 15.19	39 20.70	31	14 5 19.9	16 13.51	37 37.28

At Apparent Noon at Greenwich.

NOVEMBER.

D.	Semi-Diam.	S. D. culm.	
	′ ″	m. sec.	
1	16 8.9	1 6.87	Obliquity of the Ecliptic. 7th, 23° 27′ and 25.11″; 17th, 24.87″; 27th, 24.65″. Horizontal Parallax. 7th, 8.66″; 17th, 8.68″; 27th, 8.70″.
3	9.3	7.10	
5	9.8	7.33	
7	10.3	7.57	
9	10.7	7.80	
11	11.2	8.05	
13	11.6	8.28	
15	12.0	8.52	
17	12.4	8.75	
19	12.8	8.98	
21	13.2	9.20	
23	13.6	9.43	
25	14.0	9.64	
27	14.3	9.84	
29	14.6	10.03	
31	15.0	10.22	

D.	Declina. South.	Equat. of T. *to be subtr. fr. Appar. Time.*	Sidereal Time at mean noon
	° ′ ″	m. sec.	h. m. sec.
1	14 24 43.2	16 15.44	14 41 33.83
2	14 43 52.7	16 16.55	45 30.38
3	15 2 47.8	16 16.85	49 26.94
4	15 21 28.1	16 16.45	53 23.49
5	15 39 53.3	16 15.02	57 20.05
6	15 58 2.9	16 12.86	15 1 16.60
7	16 15 56.5	16 9.85	5 13.16
8	16 33 33.9	16 5.99	9 9.71
9	16 50 54.5	16 1.27	13 6.36
10	16 7 58.0	15 55.69	17 2.82
11	17 24 43.9	15 49.23	20 59.37
12	17 41 11.9	15 41.91	24 55.93
13	17 57 21.5	15 33.71	28 52.48
14	18 13 12.4	15 24.65	32 49.04
15	18 28 44.2	15 14.73	36 45.59
16	18 43 56.4	15 3.95	40 42.15
17	18 58 48.6	14 52.33	44 38.71
18	19 13 20.5	14 39.86	48 35.26
19	19 27 31.7	14 26.56	52 31.82
20	19 41 21.8	14 12.45	56 28.37
21	19 54 50.4	13 57.53	16 0 24.93
22	20 7 57.1	13 41.82	4 21.48
23	20 20 41.6	13 25.33	8 18.04
24	20 33 3.5	13 8.09	12 14.59
25	20 45 2.5	12 50.09	16 11.15
26	20 56 38.2	12 31.39	20 7.71
27	21 7 50.3	12 11.91	24 4.26
28	21 18 38.5	11 41.76	28 0.82
29	21 29 2.5	11 20.93	31 57.38
30	21 39 1.9	11 9.42	35 53.93
31	21 48 36.5	10 47.26	39 50.49

DECEMBER.

D.	Semi-Diam.	S. D. culm.	
	′ ″	m. sec.	
1	16 15.0	1 10.22	Obliquity of the Ecliptic. 7th, 23° 27′ and 24.46″; 17th, 24.36″; 27th, 24.32″; 37th, 24.34″. Horizontal Parallax. 7th, 8.71″; 17th, 8.72″; 27th, 8.72″; 37th, 8.72″.
3	15.2	10.38	
5	15.5	10.54	
7	15.7	10.68	
9	16.0	10.81	
11	16.2	10.92	
13	16.4	11.02	
15	16.5	11.09	
17	16.7	11.15	
19	16.8	11.19	
21	17.0	11.22	
23	17.1	11.21	
25	17.2	11.21	
27	17.2	11.18	
29	17.3	11.13	
31	17.3	11.06	

D.	Declina. North.	Equat. of T. *sub. fr. Appar.* till 25th	Sidereal Time at mean noon
	° ′ ″	m. sec.	h. m. sec.
1	21 48 36.5	10 47.26	16 39 50.49
2	21 57 46.0	10 24.47	43 47.04
3	22 6 30.1	10 1.06	47 43.60
4	22 14 48.6	9 37.05	51 40.16
5	22 22 41.1	9 12.46	55 36.71
6	22 30 7.5	8 47.31	59 33.27
7	22 37 7.5	8 21.63	17 3 29.83
8	22 43 41.0	7 55.42	7 26.38
9	22 49 47.6	7 28.73	11 22.94
10	22 55 27.2	7 1.58	15 19.50
11	23 0 39.6	6 34.00	19 16.06
12	23 5 24.7	6 6.02	23 12.61
13	23 9 42.2	5 37.66	27 9.17
14	23 13 32.0	5 8.97	31 5.73
15	23 16 54.1	4 39.97	35 2.28
16	23 19 48.3	4 10.71	38 58.84
17	23 22 14.4	3 41.23	42 55.40
18	23 24 12.4	3 11.55	46 51.95
19	23 25 42.2	2 41.71	50 48.51
20	23 26 43.8	2 11.76	54 45.07
21	23 27 17.2	1 41.73	58 41.63
22	23 27 22.2	1 11.68	18 2 38.18
23	23 26 58.9	0 41.62	6 34.74
24	23 26 7.4	— 0 11.59	10 31.30
25	23 24 47.5	+ 0 18.36	14 27.86
26	23 22 59.4	0 48.20	18 24.41
27	23 20 43.1	1 17.90	22 20.97
28	23 17 58.7	1 47.43	26 17.53
29	23 14 46.2	2 16.76	30 14.08
30	23 11 5.8	2 45.85	34 10.64
31	23 6 57.5	3 14.66	38 7.20

True Apparent Places of the Pole Star, for every day of the year.

Epoch.—The Upper Culmination at Greenwich.

Day of the Month.	JANUARY.		FEBRUARY.		MARCH.		APRIL.		MAY.	
	α Ursæ Minoris (*Polaris.*) 2.3		α Ursæ Minoris (*Polaris.*) 2.3		α Ursæ Minoris (*Polaris.*) 2.3		α Ursæ Minoris. (*Polaris.*) 2.3		α Ursæ Minoris. (*Polaris.*) 2.3	
	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*
1846.	h. 1 m. sec.	° 88 ′ ″	h. 1 m. sec.	° 88 ′ ″	h. 1 m. sec.	° 88 ′ ″	h. 1 m. sec.	° 88 ′ ″	h. 1 m. sec.	° 88 ′ ″
1	3 79.28	29 40.9	3 54.74	29 40.4	3 37.10	29 35.0	3 29.07	29 25.8	3 35.50	29 16.6
2	78.48	41.0	53·99	40.3	36.63	34.7	29.06	25.5	35.94	16.3
3	77.67	41.1	53.25	40.2	36.18	34.4	29.07	25.2	36.39	16.1
4	76.87	41.1	52.52	40.1	35.74	34.2	29.09	24.9	36.85	15.8
5	76.07	41.2	51.80	40.0	35.30	33.9	29.13	24.6	37.32	15.5
6	75.27	41.3	51.08	39.8	34.88	33.7	29.19	24.2	37.80	15.3
7	74.47	41.3	50.37	39.7	34.47	33.4	[29.20 29.34]	[23.9 29.6]	38.29	15.0
8	73.67	41.3	49.66	39.5	34.07	33.1	29.42	23.3	38.80	14.8
9	72.87	41.4	48.96	39.3	33.69	32.8	29.50	23.0	39.33	14.5
10	72.07	41.4	48.27	39.2	33.33	32.5	29.60	22.7	39.86	14.3
11	71.27	41.4	47.59	39.0	32.98	32.2	29.73	22.4	40.40	14.0
12	70.47	41.4	46.93	38.8	32.64	31.9	29.88	22.1	40.96	13.8
13	69.66	41.4	46.27	38.6	32.32	31.7	30.04	21.8	41.52	13.6
14	68.85	41.4	45.62	38.4	32.01	31.4	30.22	21.5	42.10	13.4
15	68.04	41.4	44.98	38.2	31.72	31.1	30.42	21.2	42.68	13.2
16	67.23	41.4	44.34	38.0	31.45	30.8	30.63	20.9	43.27	13.0
17	66.43	41.3	43.72	37.8	31.19	30.4	30.86	20.6	43.87	12.8
18	65.63	41.3	43.10	37.6	30.94	30.1	31.11	20.3	44.48	12.6
19	64.83	41.3	42.50	37.4	30.71	29.8	31.37	20.0	45.10	12.4
20	64.03	41.3	41.91	37.2	30.49	29.5	31.64	19.7	45.74	12.2
21	63.23	41.2	41.32	37.0	30.30	29.2	31.92	19.4	46.39	12.0
22	62.44	41.2	40.75	36.7	30.11	28.9	32.22	19.1	47.04	11.9
23	61.65	41.2	40.19	36.5	29.93	28.6	32.54	18.8	47.71	11.7
24	60.86	41.1	39.64	36.2	29.77	28.3	32.86	18.5	48.38	11.5
25	60.08	41.0	39.11	36.0	29.63	28.0	33.20	18.2	49.06	11.3
26	59.30	41.0	38.59	35.7	29.50	27.7	33.55	17.9	49.75	11.1
27	58.53	40.9	38.09	35.5	29.39	27.4	33.91	17.7	50.45	11.0
28	57.76	40.8	37.59	35.3	29.30	27.1	34.28	17.4	51.15	10.9
29	57.00	40.7	37.10	35.0	29.23	26.8	34.67	17.1	51.86	10.7
30	56.24	40.6			29.17	26.5	35.08	16.8	52.57	10.6
31	55.49	40.5			29.11	26.2	35.50	16.6	53.29	10.5
32	54.74	40.4			29.07	25.8			54.02	10.4

True Apparent Places of the Pole Star, for every day of the year.

Epoch.—The Upper Culmination at Greenwich.

Day of the Month.	JUNE.		JULY.		AUGUST.		SEPTEMBER.		OCTOBER.	
	α Ursæ Minoris. (*Polaris.*) 2.3		α Ursæ Minoris. (*Polaris.*) 2.3		α Ursæ Minoris. (*Polaris.*) 2.3		α Ursæ Minoris. (*Polaris.*) 2.3		α Ursæ Minoris. (*Polaris.*) 2.3	
	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*
	h. 1 m. sec.	° 88 ′ ″	h. 1 m. sec.	° 88 ′ ″	h. 1 m. sec.	° 88 ′ ″	h. 1 m. sec.	° 88 ′ ″	h. 1 m. sec.	° 88 ′ ″
1846.										
1	3 54.02	29 10.4	4 18.09	29 9.0	4 43.11	29 12.7	5 2.95	29 20.8	5 13.50	29 31.4
2	54.76	10.3	18.92	9.1	43.86	12.9	3.46	21.1	13.67	31.7
3	55.51	10.2	19.75	9.1	44.60	13.1	3.96	21.4	13.83	32.1
4	56.26	10.1	20.58	9.1	45.33	13.3	4.44	21.8	13.98	32.5
5	57.02	10.0	21.41	9.2	46.05	13.6	4.91	22.1	14.11	32.9
6	57.78	9.9	22.24	9.3	46.77	13.8	5.37	22.5	14.23	33.2
7	58.55	9.8	23.08	9.4	47.49	14.0	5.82	22.8	14.35	33.6
8	59.32	9.7	23.92	9.5	48.20	14.2	6.27	23.2	14.44	34.0
9	60.10	9.6	24.75	9.5	48.90	14.4	6.71	23.5	14.52	34.4
10	60.88	9.5	25.58	9.6	49.59	14.6	7.15	23.8	14.60	34.7
11	61.66	9.4	26.41	9.7	50.28	14.9	7.57	24.2	14.66	35.1
12	62.45	9.3	27.24	9.8	50.97	15.1	7.96	24.5	14.70	35.5
13	63.24	9.2	28.07	9.9	51.65	15.4	8.54	24.8	14.74	35.9
14	64.04	9.1	28.90	10.0	52.32	15.7	8.72	25.1	14.76	36.3
15	64.85	9.1	29.72	10.1	52.99	16.0	9.09	25.5	14.77	36.6
16	65.66	9.0	30.53	10.2	53.65	16.2	9.46	25.9	14.78	37.0
17	66.47	9.0	31.35	10.3	54.30	16.4	9.81	26.2	14.76	37.3
18	67.28	9.0	32.16	10.4	54.93	16.7	10.14	26.6	14.73	37.7
19	68.09	9.0	32.97	10.6	55.55	17.0	10.46	27.0	14.70	38.1
20	68.91	8.9	33.78	10.8	56.17	17.3	10.77	27.3	14.65	38.5
21	69.74	8.9	34.58	10.9	56.78	17.5	11.07	27.7	14.58	38.9
22	70.57	8.9	35.37	11.0	57.38	17.8	11.37	28.0	14.50	39.3
23	71.40	8.9	36.16	11.2	57.98	18.1	11.66	28.4	14.41	39.6
24	72.23	8.9	36.95	11.3	58.57	18.4	11.92	28.7	14.31	40.0
25	73.06	8.9	37.74	11.4	59.15	18.7	12.17	29.1	14.20	40.4
26	73.89	8.9	38.52	11.6	59.73	19.0	12.42	29.4	14.08	40.8
27	74.73	8.9	39.30	11.8	60.29	19.3	12.66	29.8	13.93	41.1
28	75.56	8.9	40.07	11.9	60.83	19.6	12.89	30.2	13.76	41.5
29	76.40	9.0	40.83	12.1	61.36	19.9	13.11	30.6	13.59	41.8
30	77.24	9.0	41.59	12.3	61.89	20.2	13.31	31.0	13.42	42.2
31	78.08	9.0	42.35	12.5	62.42	20.5	13.50	31.4	13.24	42.6
32			43.11	12.7	62.95	20.8			13.03	42.9

True Apparent Places of the Pole Star for every day, and of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.

Epoch.—The Upper Culmination at Greenwich.

Day of the Month.	NOVEMBER. α Ursæ Minoris. (*Polaris.*) 2.3 Right Asc.	Dec. *North.*	DECEMBER. α Ursæ Minoris. (*Polaris.*) 2.3 Right Asc.	Dec. *North.*
	h.	°	h.	°
1846.	1 m. sec.	88 ′ ″	1 m. sec.	88 ′ ″
1	5 13.03	29 42.9	4 61,12	29 52.4
2	12.81	43.3	60.54	52.6
3	12.58	43.6	59.96	52.9
4	12.33	44.0	59.37	53.2
5	12.07	44 3	58.77	53.4
6	11.81	44.7	58.16	53.6
7	11.52	45.1	57.54	53.8
8	11.22	45.4	56.91	54.0
9	10.91	45.7	56.27	54.3
10	10.59	46.0	55.62	54.5
11	10.26	46.3	54.96	54.7
12	9.92	46.7	54.30	54.9
13	9.56	47.0	53.62	55.1
14	9.19	47.3	52 93	55.3
15	8.81	47.7	52.24	55.5
16	8.42	48.0	51.54	55.7
17	8.02	48.3	50.83	55.8
18	7.59	48.6	50.12	56.0
19	7.16	48.9	49.40	56.1
20	6.72	49.2	48.67	56.3
21	6.27	49.5	47.93	56.5
22	5.81	49.8	47.19	56.6
23	5.34	50.1	46.44	56.8
24	4.85	50.4	45.69	56.0
25	4.34	50.7	44.93	57.0
26	3.83	51.0	44.17	57.2
27	3.31	51.3	43.40	57.3
28	2.78	51.5	42.63	57.4
29	2 24	51.8	41.85	57.5
30	1.69	52.1	41.07	57.6
31	1.12	52.4	40.28	57.7
32			39.49	57.8

1846.	δ Ursæ Minoris. 3 Right Asc.	Dec. *North.*	α Andromedæ. 1 Right Asc.	Dec. *North.*
	h.	°	h. m.	°
	18 m. sec.	86 ′ ″	0 0 sec.	28 ′ ″
Jan. 1	21 33.89	35 43.3	27.02	14 38.5
11	34.08	45.0	26.87	37.5
21	35.02	41.8	26.74	36.2
31	36.64	38.8	26.62	34.7
Feb. 10	38.85	36.1	26.52	33.1
20	41.60	34.0	26.44	31.4
Mar. 2	44.75	32.4	26.40	29.8
12	48.20	31.4	26.39	28.2
22	51.80	30.9	26.43	26.8
April 1	55.43	31.2	26.52	25.5
11	58.91	31 9	26.65	24.7
21	22 2.14	33.3	26.83	24.2
May 1	5.04	35.3	27.05	24.0
11	7.49	37.6	27.31	24.3
21	9.40	40.4	27.60	25.0
31	10.73	43.4	27.91	26.0
June 10	11.42	46.5	28.24	27.4
20	11.50	49.9	28.58	29.0
30	10.93	53.1	28.91	31.0
July 10	9.74	56.3	29.23	33.2
20	7.98	59.4	29.54	35.5
30	5.66	36 2.1	29.82	37.9
Aug. 9	21 2.88	4.6	30.07	40.4
19	59.64	6.7	30.28	42.8
29	56.06	8.5	30.45	45.2
Sept. 8	52 20	9.8	30.58	47.5
18	48.13	10.7	30.67	49.6
28	43.94	11.0	30.72	51.6
Oct. 8	39.74	10.9	30.73	53.3
18	35.61	10.2	30.71	54.8
28	31.65	9.2	30.65	56.0
Nov. 7	27.98	7.6	30.57	57.0
17	24.67	5.5	30.47	57.6
27	21.84	3.0	30.35	58.0
Dec. 7	19.55	35 60.2	30.22	58.0
17	17.90	57.1	30.08	57.7
27	16.95	53.5	29.93	57.0
37			29.78	56.1

True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.

Epoch.—The Upper Culmination at Greenwich.

	β Ceti. 2.3		α Arietis. 3		α Ceti. 2.3		α Tauri. (*Aldebaran.*) 1		α Aurigæ. (*Capella.*) 1	
	Right Asc.	Dec. *South.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*
	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°
	0 35	18	1 58	22	2 54	3	4 27	16	5 5	45
1845.	sec.	′ ″	sec.	′ ″	sec.	′ ″	sec.	′ ″	sec.	′ ″
Jan. 1	51.90	49 63.2	31.69	43 60.6	15.62	28 53.8	7.49	11 38.4	22.32	49 65.6
11	51.76	63.7	31.56	60.2	15.52	53.0	7.45	38.0	22.29	66.9
21	51.63	63.9	31.42	59.6	15.40	52.3	7.37	37.7	22.21	68.0
31	51.51	63.9	31.27	58.9	15.26	51.7	7.26	37.4	22.07	68.9
Feb. 10	51.40	63.6	31.11	58.0	15.10	51.1	7.11	37.1	21.88	69.6
20	51.31	63.0	30.96	57.1	14.95	50.7	6.94	36.7	21.65	70.0
Mar. 2	51.24	62.2	30.82	56.1	14.79	50.4	6.76	36.4	21.40	70.1
12	51.20	61.1	30.71	55.1	14.65	50.2	6.58	36.0	21.14	70.0
22	51.20	59.8	30.63	54.1	14.53	50.2	6.41	35.7	20.88	69.5
Apr. 1	51.23	58.0	30.59	53.3	14.44	50.4	6.25	35.4	20.64	68.7
11	51.32	56.2	30.59	52.6	14.39	50.7	6.13	35.2	20.43	67.7
21	51.44	54.2	30.63	52.0	14.38	51.3	6.04	35.1	20.27	66.5
May 1	51.61	52.0	30.74	51.8	14.41	52.0	5.99	35.0	20.15	65.2
11	51.81	49.7	30.89	51.8	14.49	53.1	5.98	35.1	20.09	63.8
21	52.05	47.4	31.08	52.1	14.62	54.3	6.03	35.3	20.09	62.4
31	52.33	45.7	31.32	52.7	14.79	55.7	6.12	35.7	20.16	61.0
Jun. 10	52.61	42.8	31.59	53.5	14.99	57.2	6.27	36.2	20.30	59.5
20	52.91	40.7	31.88	54.5	15.23	58.8	6.45	36.9	20.49	58.3
30	53.23	38.7	32.20	55.8	15.50	60.5	6.66	37.7	20.73	57.3
July 10	53.55	36.9	32.52	57.3	15.78	62.2	6.90	38.5	21.01	56.4
20	53.85	35.4	32.84	58.9	16.07	63.8	7.17	39.4	21.33	55.8
30	54.14	34.2	33.16	60.6	16.37	65.4	7.45	40.4	21.69	55.3
Aug. 9	54.40	33.4	33.47	62.4	16.66	66.9	7.75	41.3	22.06	55.1
19	54.64	32.9	33.76	64.2	16.95	68.2	8.05	42.2	22.45	55.0
29	54.84	32.7	34.03	65.9	17.22	69.3	8.35	43.0	22.85	55.1
Sept. 8	55.00	32.9	34.26	67.6	17.48	70.1	8.64	43.8	23.25	55.4
18	55.12	33.5	34.47	69.1	17.71	70.7	8.93	44.4	23.65	55.9
28	55.20	34.3	34.65	70.5	17.92	71.0	9.21	44.8	24.05	56.5
Oct. 8	55.25	35.3	34.79	71.8	18.10	71.1	9.47	45.1	24.43	57.3
18	55.26	36.6	34.90	72.9	18.26	71.0	9.71	45.3	24.79	58.3
28	55.23	37.9	34.98	73.8	18.38	70.6	9.93	45.4	25.13	59.3
Nov. 7	55.18	39.3	35.03	74.6	18.47	70.1	10.12	45.3	25.43	60.5
17	55.10	40.7	35.05	75.2	18.54	69.5	10.29	45.1	25.71	61.8
27	55.00	42.1	35.03	75.6	18.57	68.7	10.42	44.9	25.94	63.2
Dec. 7	54.89	43.3	34.99	75.8	18.58	67.9	10.52	44.7	26.12	64.6
17	54.77	44.4	34.91	75.8	18.55	67.0	10.59	44.4	26.24	66.0
27	54.64	45.2	34.82	75.6	18.49	66.2	10.60	44.1	26.31	67.4
37	54.50	45.9	34.70	75.3	18.40	65.3	10.58	43.8	26.30	68.8

True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.

Epoch.—The Upper Culmination at Greenwich.

	β Orionis. (*Rigel.*) 1		β Tauri. 2		∂ Orionis. 2		α Orionis. 1		α Canis Majoris. (*Sirius.*) 1	
	Right Asc.	Dec. *South.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *South.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *South.*
	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°
	5 7	8	5 16	28	5 24	0	5 46	7	6 38	16
1846.	sec.	′ ″	sec.	′ ″	sec.	′ ″	sec.	′ ″	sec.	′ ″
Jan. 1	10.34	23 71.9	36.10	28 13.5	10.47	25 12.8	52.33	22 14.5	23.99	30 42.4
11	10.32	73.5	36.10	13.8	10.47	14.1	52.36	13.6	24.05	44.7
21	10.26	74.9	36.05	14.2	10.43	15.2	52.34	12.8	24.05	46.9
31	10.15	76.1	35.96	14.4	10.34	16.1	52.27	12.1	24.00	48.9
Feb. 10	10.02	77.1	35.82	14.6	10.22	16.9	52.17	11.6	23.91	50.5
20	9.86	77.8	35.65	14.7	10.07	17.5	52.03	11.2	23.78	51.9
Mar. 2	9.68	78.3	35.46	14.6	9.90	18.0	51.86	10.9	23.62	53.0
12	9.49	78.5	35.26	14.5	9.72	18.2	51.69	10.7	23.44	53.7
22	9.30	78.4	35.05	14.2	9.54	18.3	51.50	10.6	23.25	54.1
Apr. 1	9.13	78.1	34.86	13.8	9.36	18.1	51.32	10.6	23.05	54.2
11	8.97	77.5	34.70	13.4	9.21	17.8	51.16	10.7	22.86	54.0
21	8.85	76.7	34.56	12.8	9.08	17.4	51.02	10.9	22.68	53.4
May 1	8.76	75.7	34.47	12.3	8.98	16.7	50.91	11.2	22.53	52.6
11	8.71	74.5	34.42	11.7	8.92	15.8	50.84	11.7	22.40	51.5
21	8.70	73.0	34.41	11.2	8.91	14.8	50.81	12.3	22.31	50.1
31	8.73	71.4	34.46	10.8	8.93	13.7	50.83	13.0	22.26	48.6
Jun. 10	8.82	69.5	34.57	10.4	9.00	12.4	50.88	13.8	22.25	46.8
20	8.94	67.6	34.72	10.1	9.12	10.9	50.99	14.7	22.28	44.9
30	9.10	65.7	34.92	10.0	9.27	9.4	51.12	15.7	22.35	42.9
July 10	9.29	63.9	35.13	10.0	9.45	8.0	51.29	16.7	22.46	40.7
20	9.51	62.1	35.38	10.1	9.67	6.6	51.49	17.7	22.60	38.7
30	9.75	60.4	35.66	10.2	9.90	5.2	51.72	18.6	22.77	36.8
Aug. 9	10.01	58.9	35.96	10.4	10.15	4.0	51.96	19.5	22.97	35.1
19	10.28	57.7	36.27	10.7	10.42	3.0	52.22	20.2	23.19	33.6
29	10.56	56.7	36.59	11.1	10.69	2.1	52.49	20.8	23.43	32.4
Sept. 8	10.84	56.1	36.92	11.4	10.97	1.6	52.77	21.3	23.69	31.6
18	11.12	55.9	37.24	11.7	11.25	1.3	53.06	21.5	23.96	31.1
28	11.40	56.0	37.56	12.1	11.53	1.3	53.34	21.5	24.24	31.1
Oct. 8	11.66	56.5	37.87	12.4	11.80	1.6	53.62	21.2	24.52	31.6
18	11.91	57.3	38.17	12.7	12.06	2.2	53.90	20.7	24.81	32.4
28	12.14	58.4	38.45	13.0	12.30	3.1	54.16	20.1	25.09	33.7
Nov. 7	12.35	59.8	38.71	13.3	12.53	4.2	54.41	19.3	25.36	35.4
17	12.54	61.5	38.94	13.6	12.74	5.4	54.64	18.3	25.62	37.4
27	12.69	63.2	39.14	13.9	12.91	6.8	54.84	17.3	25.85	39.6
Dec. 7	12.81	65.0	39.31	14.2	13.05	8.2	55.01	16.3	26.05	42.0
17	12.89	66.9	39.43	14.6	13.16	9.7	55.14	15.2	26.21	44.5
27	12.93	68.6	39.50	15.0	13.22	11.0	55.23	14.2	26.33	47.0
37	12.93	70.3	39.53	15.4	13.24	12.3	55.28	13.3	26.41	49.4

True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.

Epoch.—The Upper Culmination at Greenwich.

	α^2 Geminorum. (*Castor.*) 3		α Canis Minoris. (*Procyon.*) 1.2		β Geminorum. (*Pollux.*) 2		α Hydræ. 2		α Leonis. (*Regulus.*) 1	
	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *South.*	Right Asc.	Dec. *North.*
	h. m. sec.	° ′ ″	h. m. sec.	° ′ ″	h. m. sec.	° ′ ″	h. m. sec.	° ′ ″	h. m. sec.	° ′ ″
	7 24	32	7 31	5	7 35	28	9 20	7	10 0	12
1846.										
Jan. 1	48.50	12 61.0	16.35	36 44.3	55.48	23 21.8	3.02	59 47.4	11.68	42 50 0
11	48.64	61.4	16.47	43.0	55.63	21.9	3.23	49.6	11.94	48.7
21	48.72	62.0	16.54	41.9	55.72	22.2	3.40	51.7	12.16	47.6
31	48.75	62.7	16.57	41.0	55.76	22.7	3.53	53.6	12.33	46.7
Feb.10	48.71	63.4	16.54	40.2	55.74	23.2	3.60	55.4	12.45	46.2
20	48.63	64.2	16.47	39.6	55.66	23.8	3.62	56.9	12.52	45.9
Mar. 2	48.50	64.9	16.36	39.2	55.55	24.4	3.60	58.1	12.55	45.8
12	48.33	65.6	16.22	39.0	55.39	25.0	3.54	59.1	12.53	46.0
22	48.14	66.1	16.06	38.9	55.21	25.5	3.45	59.8	12.47	46.3
Apr. 1	47.94	66.5	15.88	38.9	55.02	26.0	3.33	60.3	12.38	46.7
11	47.73	66.8	15.71	39.0	54.82	26.3	3.19	60.6	12.27	47.3
21	47.54	66.9	15.54	39.2	54.63	26.5	3.04	60.6	12.14	47.9
May 1	47.36	66.8	15.39	39.6	54.46	26.5	2.89	60.4	12.00	48.5
11	47.22	66.6	15.26	40.0	54.32	26.4	2.75	60.0	11.86	49.1
21	47.10	66.2	15.16	40.5	54.20	26.2	2.61	59.5	11.73	49.7
31	47.03	65.7	15.10	41.1	54.12	25.9	2.50	58.7	11.61	50.2
Jun. 10	47.00	65.1	15.06	41.7	54.09	25.6	2.40	57.9	11.50	50.7
20	47.01	64.5	15.06	42.5	54.08	25.1	2.32	56.9	11.41	51.1
30	47.06	63.8	15.10	43.2	54.12	24.6	2.27	55.8	11.34	51.5
July 10	♂ 47.16	63.0	♂ 15.17	43.9	♂ 54.20	24.1	2.24	54.6	11.29	51.7
20	47.31	62.2	15.28	44.7	54.34	23.5	2.24	53.4	11.27	51.9
30	47.48	61.4	15.42	45.4	54.49	22.9	2.26	52.2	11.27	51.9
Aug. 9	47.66	60.6	15.58	46.0	54.67	22.2	♂ 2.31	51.0	11.29	51.8
19	47.91	59.8	15.77	46.5	54.88	21.5	♂ 2.41	49.9	11.34	51.6
29	48.17	59.0	15.98	46.8	55.12	20.8	2.52	49.1	♂ 11.43	51.2
Sept. 8	48.45	58.1	16.21	46.9	55.38	20.0	2.66	48.4	11.54	50.6
18	48.75	57.3	16.46	46.8	55.66	19.2	2.83	48.0	11.68	49.8
28	49.07	56.5	16.72	46.5	55.96	18.4	3.03	48.0	11.86	48 8
Oct. 8	49.40	55.7	17.00	45.9	56.28	17.5	3.26	48.3	12.06	47.6
18	49.74	54.9	17.29	45.1	56.60	16.6	3.52	48.9	12.30	46.2
28	50.09	54.2	17.58	44.0	56.94	15.8	3.79	49.9	12.56	44.7
Nov. 7	50.43	53.6	17.87	42.8	57.27	15.0	4.09	51.2	12.85	43.0
17	50.77	53.1	18.16	41.4	57.60	14.3	4.40	52.8	13.16	41.2
27	51.09	52.7	18.44	39.9	57.91	13.7	4.71	54.7	13.48	39.4
Dec. 7	51.38	52.5	18.69	38.4	58.20	13.2	5.01	56.7	13.80	37.6
17	51.64	52.5	18.91	36.9	58.46	12.9	5.30	58.9	14.12	35.8
27	51.86	52.7	19.10	35.4	58.68	12.8	5.57	61.2	14.42	34.2
37	52.02	53.0	19.24	34.1	58.85	12.9	5.80	63.4	14.69	32.8

True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.

Epoch.—The Upper Culmination at Greenwich.

	α Ursæ Majoris. 1.2		β Leonis. 2.3		α Virginis. (*Spica.*) 1		α Bootis. (*Arcturus.*) 1		α² Libræ. 3	
	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *South.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *South.*
	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°
	10 54	62	11 41	15	13 17	10	14 8	19	14 42	15
1846.	sec.	′ ″	sec.	′ ″	sec.	′ ″	sec.	′ ″	sec.	′ ″
Jan. 1	12.14	34 28.1	13.09	25 45.7	5.91	21 21.2	38.40	58 63.6	22.37	23 49.6
11	12.67	28.6	13.40	44.1	6.23	23.2	38.72	61.4	22.69	51.1
21	13.14	29.5	13.69	42.7	6.55	25.1	39.04	59.5	23.02	52.7
31	13.54	31.0	13.94	41.7	6.85	27.0	39.36	58.0	23.34	54.3
Feb. 10	13.85	32.9	14.16	41.1	7.13	28.8	39.66	56.9	23.65	55.8
20	14.07	35.2	14.33	40.7	7.38	30.4	39.94	56.3	23.95	57.3
Mar. 2	14.19	37.7	14.46	40.7	7.59	31.8	40.20	56.1	24.23	58.6
12	14.22	40.4	14.54	41.0	7.77	33.0	40.42	56.3	24.47	59.7
22	14.16	43.0	14.58	41.6	7.91	33.9	40.60	56.9	24.70	60.7
Apr. 1	14.01	45.6	14.58	42.3	8.01	34.7	40.75	57.9	24.89	61.5
11	13.79	48.0	14.55	43.2	8.08	35.2	40.86	59.1	25.05	62.1
21	13.52	50.1	14.49	44.2	8.13	35.5	40.94	60.5	25.18	62.5
May 1	13.20	51.9	14.41	45.2	8.14	35.6	40.99	62.1	25.28	62.8
11	12.86	53.3	14.32	46.2	8.13	35.6	41.01	63.8	25.36	63.0
21	12.50	54.2	14.21	47.1	8.10	35.4	41.00	65.5	25.40	63.0
31	12.14	54.6	14.09	48.0	8.05	35.1	40.96	67.1	25.42	62.9
Jun. 10	11.79	54.6	13.98	48.8	7.98	34.7	40.90	68.6	25.41	62.7
20	11.46	54.1	13.86	49.5	7.89	34.2	40.81	70.0	25.37	62.5
30	11.16	53.1	13.75	50.0	7.79	33.7	40.71	71.1	25.31	62.2
July 10	10.90	51.7	13.65	50.3	7.68	33.0	40.69	72.1	25.22	61.8
20	10.68	49.9	13.55	50.5	7.56	32.4	40.45	72.8	25.11	61.3
30	10.51	47.7	13.47	50.5	7.44	31.7	40.30	73.2	24.98	60.8
Aug. 9	10.39	45.2	13.40	50.3	7.32	30.9	40.15	73.3	24.84	60.3
19	10.34	42.4	13.36	50.0	7.21	30.3	40.00	73.2	24.69	59.7
29	10.34	39.4	13.33	49.4	7.11	29.6	39.85	72.8	24.55	59.1
Sept. 8	♂ 10.41	36.0	♂ 13.34	48.6	7.03	29.0	39.72	72.1	24.40	58.5
18	10.55	32.7	13.38	47.4	6.97	28.6	39.60	71.0	24.28	57.9
28	10.76	29.4	13.45	46.2	6.94	28.3	39.01	69.7	24.18	57.4
Oct. 8	11.03	26.2	13.56	44.7	6.95	28.2	39.46	68.1	24.11	57.1
18	11.37	23.1	13.70	43.0	♂ 7.02	28.4	39.44	66.3	24.08	56.8
28	11.78	20.1	13.89	41.1	7.12	28.8	♂ 39.48	63.9	24.09	56.8
Nov. 7	12.25	17.4	14.12	39.1	7.27	29.4	39.57	61.5	♂ 24.17	57.0
17	12.76	15.1	14.38	36.9	7.47	30.4	39.70	59.0	24.29	57.4
27	13.32	13.1	14.68	34.7	7.71	31.7	39.88	56.4	24.46	58.1
Dec. 7	13.90	11.6	14.99	32.5	7.98	33.2	40.11	53.7	24.68	59.0
17	14.49	10.7	15.32	30.4	8.28	34.9	40.37	51.1	24.93	60.1
27	15.07	10.3	15.65	28.4	8.60	36.7	40.66	48.5	25.22	61.4
37	15.62	10.4	15.97	26.7	8.93	38.6	40.97	46.2	25.53	62.9

True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.

Epoch.—The Upper Culmination at Greenwich.

	β Ursæ Minoris. 3		β Libræ. 2.3		α Coronæ Borealis. 2		α Serpentis. 2.3		β¹ Scorpionis. 2	
	Right Asc.	Dec. *North.*	Right Asc.	Dec. *South.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *South.*
	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°
	14 51	74	15 8	8	15 28	27	15 36	6	15 56	19
1846.	sec.	′ ″	sec.	′ ″	sec.	′ ″	sec.	′ ″	sec.	′ ″
Jan. 1	9.08	46 49.8	43.65	48 35.8	9.57	10 65.2	43.85	54 49.3	29.29	22 37.7
11	9.85	47.5	43.96	37.4	9.86	62.7	41.13	47.3	29.58	38.6
21	10.69	45.9	44.26	39.0	10.17	60.5	41.42	45.4	29.89	39.7
31	11.57	44.9	44.58	40.5	10.49	58.7	41.72	43.8	30.21	40.7
Feb. 10	12.46	44.6	44.88	41.9	10.81	57.4	42.02	42.4	30.53	41.9
20	13.33	45.0	45.18	43.2	11.13	56.5	42.32	41.3	30.85	42.9
Mar. 2	14.14	46.0	45.46	44.2	11.43	56.2	42.60	40.6	31.16	43.9
12	14.87	47.6	45.72	45.1	11.71	56.4	42.87	40.3	31.46	44.8
22	15.49	49.8	45.95	45.7	11.96	57.1	43.12	40.3	31.73	45.5
Apr. 1	16.00	52.4	46.16	46.0	12.19	58.3	43.34	40.6	31.99	46.1
11	16.37	55.3	46.34	46.2	12.39	59.8	43.53	41.3	32.22	46.6
21	16.60	58.3	46.49	46.2	12.55	61.7	43.70	42.2	32.42	47.0
May 1	16.68	61.6	46.62	46.1	12.67	63.8	43.84	43.3	32.60	47.3
11	16.62	64.8	46.71	45.8	12.77	66.0	43.95	44.5	32.75	47.4
21	16.42	67.9	46.78	45.4	12.83	68.3	44.04	45.9	32.88	47.5
31	16.10	70.8	46.82	44.9	12.85	70.6	44.09	47.3	32.97	47.6
Jun. 10	15.66	73.4	46.83	44.4	12.84	72.8	44.12	48.7	33.02	47.6
20	15.12	75.6	46.81	43.8	12.80	74.9	44.11	50.0	33.04	47.5
30	14.49	77.3	46.76	43.2	12.73	76.7	44.07	51.3	33.03	47.4
July 10	13.79	78.6	46.69	42.6	12.63	78.3	44.00	52.4	32.99	47.2
20	13.03	79.4	46.59	42.1	12.49	79.6	43.91	53.4	32.91	47.0
30	12.24	79.6	46.47	41.5	12.34	80.6	43.79	54.2	32.80	46.8
Aug. 9	11.44	79.3	46.33	41.0	12.17	81.3	43.65	54.9	32.67	46.5
19	10.63	78.5	46.18	40.5	11.98	81.6	43.50	55.3	32.51	46.1
29	9.84	77.2	46.03	40.1	11.78	81.6	43.34	55.6	32.34	45.7
Sept. 8	9.09	75.4	45.88	39.7	11.59	81.2	43.17	55.7	32.17	45.3
18	8.41	73.1	45.74	39.4	11.41	80.4	43.01	55.5	32.00	44.9
28	7.80	70.5	45.62	39.2	11.24	79.2	42.87	55.1	31.85	44.4
Oct. 8	7.28	67.4	45.53	39.2	11.11	77.7	42.75	54.4	31.72	43.9
18	6.88	64.1	45.48	39.4	11.00	75.9	42.67	53.5	31.62	43.6
28	6.61	60.5	45.47	39.7	10.94	73.7	42.62	52.4	31.57	43.3
Nov. 7	6.48	56.4	45.50	40.2	10.93	71.3	42.62	51.0	31.56	43.1
17	6.51	52.6	45.60	41.0	10.98	68.4	42.66	49.2	31.60	43.1
27	6.70	48.9	45.74	42.0	11.08	65.5	42.78	47.4	31.72	43.3
Dec. 7	7.04	45.3	45.93	43.2	11.23	62.6	42.93	45.5	31.87	43.7
17	7.53	42.0	46.16	44.5	11.43	59.7	43.13	43.4	32.07	44.3
27	8.14	39.1	46.42	46.0	11.67	56.9	43.36	41.3	32.31	45.0
37	8.87	36.6	46.71	47.6	11.94	54.2	43.62	39.2	32.58	45.9

True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.

Epoch.—The Upper Culmination at Greenwich.

	α Scorpionis. (*Antares.*) 1		α Ophiuchi. 2		α Lyræ. (*Vega.*) 1		δ Aquilæ. 3.4		α Aquilæ. (*Altair.*) 1.2	
	Right Asc.	Dec. *South.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*
	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°
	16 19	26	17 27	12	18 31	38	19 17	2	19 43	8
1846.	sec.	′ ″	sec.	′ ″	sec.	′ ″	sec.	′ ″	sec.	′ ″
Jan. 1	58.27	4 56.5	46.59	40 40.5	42.22	38 41.2	43.31	48 50.8	15.56	27 62.3
11	58.55	57.0	46.79	38.3	42.33	38.2	43.41	49.3	15.63	60.7
21	58.86	57.6	47.01	36.3	42.50	35.2	43.54	47.9	15.74	59.0
31	59.19	58.3	47.25	34.5	42.70	32.4	43.70	46.7	15.87	57.5
Feb. 10	59.52	59.1	47.52	33.0	42.95	30.0	43.89	45.6	16.04	56.1
20	59.86	59.9	47.80	31.7	43.22	28.0	44.10	44.8	16.23	55.0
Mar. 2	60.19	60.8	48.09	30.9	43.52	26.5	44.34	44.2	16.45	54.2
12	60.50	61.6	48.38	30.5	43.84	25.5	44.59	43.9	16.68	53.7
22	60.80	62.3	48.66	30.5	44.17	25.2	44.86	43.9	16.94	53.6
Apr. 1	61.09	63.0	48.94	30.9	44.50	25.4	45.14	44.2	17.21	53.8
11	61.35	63.6	49.20	31.7	44.83	26.3	45.42	44.9	17.49	54.4
21	61.59	64.2	49.45	32.9	45.15	27.5	45.71	45.8	17.78	55.4
May 1	61.80	64.7	49.68	34.3	45.45	29.4	45.99	47.0	18.07	56.7
11	61.98	65.2	49.89	36.0	45.73	31.7	46.26	48.5	18.36	58.2
21	62.13	65.6	50.07	37.9	45.98	34.3	46.53	50.1	18.63	60.0
31	62.25	66.0	50.22	39.8	46.20	37.2	46.77	51.8	18.89	61.9
Jun. 10	62.34	66.3	50.34	41.8	46.37	40.2	46.99	53.6	19.12	64.0
20	62.38	66.6	50.42	43.9	46.50	43.3	47.17	55.3	19.33	66.1
30	62.39	66.8	50.47	45.7	46.56	46.4	47.33	57.1	19.50	68.1
July 10	62.36	67.0	50.47	47.5	46.62	49.4	47.44	58.7	19.63	70.1
20	62.29	67.1	50.44	49.1	46.60	52.2	47.51	60.2	19.73	72.0
30	62.19	67.2	50.37	50.5	46.53	54.9	47.54	61.6	19.77	73.7
Aug. 9	62.06	67.1	50.27	51.7	46.42	57.2	47.52	62.8	19.78	75.2
19	61.90	66.9	50.13	52.7	46.26	59.2	47.46	63.8	19.74	76.6
29	61.72	66.6	49.97	53.4	46.06	60.9	47.37	64.6	19.66	77.7
Sept. 8	61.53	66.3	49.79	53.9	45.84	62.1	47.24	65.2	19.54	78.6
18	61.35	65.8	49.60	54.0	45.59	62.9	47.09	65.6	19.40	79.2
28	61.18	65.2	49.41	53.9	45.33	63.3	46.92	65.8	19.24	79.6
Oct. 8	61.02	64.6	49.23	53.5	45.06	63.2	46.74	65.8	19.06	79.8
18	60.90	64.0	49.07	52.8	44.81	62.6	46.56	65.6	18.88	79.7
28	60.83	63.4	48.93	51.8	44.57	61.6	46.39	65.2	18.71	79.3
Nov. 7	60.80	62.9	48.83	50.6	44.37	60.2	46.24	64.6	18.55	78.7
17	60.82	62.5	48.77	49.1	44.20	58 3	46.12	63.8	18.42	77.9
27	60.91	62.1	48.75	47.3	44.07	56.0	46.03	62.8	18.31	76.8
Dec. 7	61.04	62.0	48.79	45.3	43.99	53.4	45.98	61.7	18.23	75.6
17	61.23	62.1	48.88	43.0	43.97	50.5	45.97	60.5	18.20	74.2
27	61.46	62.3	49.01	40.8	44.00	47.4	46.00	59.2	18.20	72.6
37	61.73	62.7	49.18	38.6	44.09	44.0	46 06	57.8	19.24	71.0

True Apparent Places of Thirty-seven of the Principal Fixed Stars, for every tenth day of the year.

Epoch.—The Upper Culmination at Greenwich.

	α Cygni. 1		α Cephei. 3		α Aquarii. 3		αPisc.Australis. (*Fomalhaut.*) 1		α Pegasi. (*Markab.*) 2	
	Right Asc.	Dec. *North.*	Right Asc.	Dec. *North.*	Right Asc.	Dec. *South.*	Right Asc.	Dec. *South.*	Right Asc.	Dec. *North.*
	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°
	20 36	44	21 14	61	21 57	1	22 49	30	22 57	14
1846.	sec.	′ ″	sec.	′ ″	sec	′ ″	sec.	′ ″	sec.	′ ″
Jan. 1	10.15	43 72.1	52.73	55 83.6	52.21	3 50.5	7.36	25 75.7	5.84	22 50.0
11	10.10	69.3	52.52	80.9	52.16	51.3	7.26	75.3	5.74	48.8
21	10.10	66.3	52.39	77.9	52.14	52.1	7.18	74.7	5.66	47.5
31	♂ 10.15	63.1	♂ 52.34	74.7	52.14	52.8	7.13	73.7	5.61	46.2
Feb.10	10.26	60.2	52.37	71.2	♂ 52.17	53.3	7.11	72.5	5.58	44.9
20	10.41	57.5	52.48	68.0	52.25	53.8	7.12	71.1	5.58	43.7
Mar. 2	10.61	55.2	52.67	65.1	52.34	54.0	♂ 7.17	69.5	♂ 5 61	42.6
12	10.86	53.3	52.94	62.5	52.47	53.9	7.26	67.5	5.68	41.7
22	11.14	51.8	53.28	60.3	52.63	53.6	7.39	65.5	5.79	41.1
Apr. 1	11.45	50.9	53.66	58.7	52.83	53.1	7.55	63.4	5.93	40.8
11	11.79	50.6	54.13	57.6	53.05	52.2	7.75	61.2	6.11	40.9
21	12.15	50.9	54.62	57.1	53.30	51.1	7.99	59.0	6.32	41.3
May 1	12.52	51.7	55.13	57.2	53.57	49.8	8.26	56.7	6.57	42.1
11	12.89	53.1	55.65	58.0	53.85	48.2	8.56	54.5	6.84	43.2
21	13.25	55.0	56.16	59.3	54.15	46.5	8.88	52.4	7.14	44.6
31	13.59	57.3	56.66	61.2	54.46	44.7	9.21	50.5	7.45	46.2
Jun. 10	13.90	60.0	57.12	63.6	54.76	42.8	9.55	48.8	7.76	48.1
20	14.17	63.0	57.53	66.3	55.05	40.8	9.89	47.3	8.07	50.2
30	14.40	66.2	57.88	69.4	55.32	38.9	10.22	46.1	8.36	52.4
July 10	14.59	69.5	58.17	72.8	55.56	37.1	10.53	45.2	8.64	54.7
20	14.72	72.8	58.39	76.3	55.77	35.5	10.81	44.7	8.90	57.0
30	14.79	76.1	58.52	79.9	55.95	34.0	11.06	44.5	9.12	59.2
Aug. 9	14.81	79.3	58.59	83.5	56.08	32.7	11.26	44.6	9.30	61.3
19	14.77	82.3	58.56	87.1	56.17	31.6	11.42	45.1	9.44	63.3
29	14.66	85.1	58.45	90.5	56.22	30.7	11.53	45.9	9.54	65.1
Sept. 8	14.54	87.6	58.28	93.7	56.22	30.0	11.59	46.9	9.60	66.7
18	14.35	89.8	58.04	96.6	56.18	29.6	11.60	48.1	9.62	68.1
28	14.13	91.5	57.74	99.1	56.12	29.4	11.57	49.5	9.60	69.2
Oct. 8	13.88	92.8	57.39	101.2	56.02	29.3	11.50	51.0	9.55	70.1
18	13.62	93.7	57.00	102.9	55.90	29.4	11.39	52.4	9.47	70.7
28	13.35	94.1	56.59	104.1	55.76	29.7	11.26	53.8	9.37	71.1
Nov. 7	13.09	94.0	56.17	104 8	55.62	30.2	11.11	55.0	9.25	71.2
17	12.84	93.3	55.75	104.9	55.48	30.7	10.95	56.1	9.12	71.1
27	12.60	92.2	55.34	104.4	55 34	31.3	10.78	57.0	8.99	70.8
Dec. 7	12.40	90.6	54.95	103.3	55.22	32.0	10.62	57.6	8.86	70.2
17	12.24	88.6	54.61	101.7	55.11	32.8	10.47	57.9	8.73	69.4
27	12.11	86.2	54.31	99.6	55.02	33.6	10.54	58.1	8.61	68.4
37	12.03	83.5	54.07	97.1	54.96	34.5	10.22	57.8	8.51	67.3

Dr. Young's Refractions, the Barometer being at 30 *inches, and the* internal *Thermometer at* 50, *or the* external *at* 47, *degrees; with the corrections for + one inch in the barometer, and for — one degree in the thermometer of Fahrenheit. From page* 19 *of Vol.* 1*st of Pearson's Practical Astronomy.*

App. Alt.	Refr. B. 30 Th. 50°	Diff. for +1 B.	Diff. for —1° Fa.	App. Alt.	Refr. B. 30 Th. 50°	Diff. for +1 B.	Diff. for —1° Fa.	App. Alt.	Refr. B. 30 Ther. 50°	Diff. for +1 B.	Diff. for —1° Fa.	App. Alt.	Refr. B. 30 Ther. 50°	Diff. for +1 B.	Diff. for —1° Fa.
° ′	′ ″	″	″	° ′	′ ″	″	″	° ′	′ ″	″	″	° ′	′ ″	″	″
0. 0	33.51	74	8,1	3. 0	14.35	30	2,3	8. 0	6.35	13,3	,85	14. 0	3.49,9	7,70	,469
5	32.53	71	7,6	5	14.19	29	2,2	10	6.28	13,1	,83	10	3.47,1	7,61	,464
10	31.58	69	7,3	10	14. 4	29	2,2	20	6.21	12,8	,82	20	3.44,4	7,52	,458
15	31. 5	67	7,0	15	13.50	28	2,1	30	6.14	12,6	,80	30	3.41,8	7,43	,453
20	30.13	65	6,7	20	13.35	28	2,1	40	6. 7	12,3	,79	40	3.39,2	7,34	,448
25	29.24	63	6,4	25	13.21	27	2,0	50	6. 0	12,1	,77	50	3.36,7	7,26	,444
30	28.37	61	6,1	30	13. 7	27	2,0	9. 0	5.54	11,9	,76	15. 0	3.34,3	7,18	,439
35	27.51	59	5,9	35	12.53	26	2,0	10	5.47	11,7	,74	30	3.27,3	6,95	,424
40	27. 6	58	5,6	40	12.41	26	1,9	20	5.41	11,5	,73	16. 0	3.20,6	6,73	,411
45	26.24	56	5,4	45	12.28	25	1,9	30	5.36	11,3	,72	30	3.14,4	6,51	,399
50	25.43	55	5,1	50	12.16	25	1,9	40	5.30	11,1	,71	17. 0	3. 8,5	6,31	,386
55	25. 3	53	4,9	55	12. 3	25	1,8	50	5.25	11,0	,70	30	3. 2,9	6,12	,374
1. 0	24.25	52	4,7	4. 0	11.52	24,1	1,70	10. 0	5.20	10,8	,69	18. 0	2.57,6	5,94	,362
5	23.48	50	4,6	10	11.30	23,4	1,64	10	5.15	10,6	,67	19	2.47,7	5,61	,340
10	23.13	49	4,5	20	11.10	22,7	1,58	20	5.10	10,4	,65	20	2.38,7	5,31	,322
15	22.40	48	4,4	30	10.50	22,0	1,53	30	5. 5	10,2	,64	21	2.30,5	5,04	,305
20	22. 8	46	4,2	40	10.32	21,3	1,48	40	5. 0	10,1	,63	22	2.23,2	4,79	,290
25	21.37	45	4,0	50	10.15	20,7	1,43	50	4.56	9,9	,62	23	2.16,5	4,57	,276
30	21. 7	44	3,9	5. 0	9.58	20,1	1,38	11. 0	4.51	9,8	,60	24	2.10,1	4,35	,264
35	20.38	43	3,8	10	9.42	19,6	1,34	10	4.47	9,6	,59	25	2. 4,2	4,16	,252
40	20.10	42	3,6	20	9.27	19,1	1,30	20	4.43	9,5	,58	26	1.58,8	3,97	,241
45	19.43	40	3,5	30	9.11	18,6	1,26	30	4.39	9,4	,57	27	1.53,8	3,81	,230
50	19.17	39	3,4	40	8.58	18,1	1,22	40	4.35	9,2	,56	28	1.49,1	3,66	,219
55	18.52	39	3,3	50	8.45	17,6	1,19	50	4.31	9,1	,55	29	1.44,7	3,50	,209
2. 0	18.29	38	3,2	6. 0	8.32	17,2	1,15	12. 0	4.28,1	9,00	,556	30	1.40,5	3,36	,201
5	18. 5	37	3,1	10	8.20	16,8	1,11	10	4.24,4	8,86	,548	31	1.36,6	3,23	,193
10	17.43	36	3,0	20	8. 9	16,4	1,09	20	4.20,8	8,74	,541	32	1.33,0	3,11	,186
15	17.21	36	2,9	30	7.58	16,0	1,06	30	4.17,3	8,63	,533	33	1.29,5	2,99	,179
20	17. 0	35	2,8	40	7.47	15,7	1,03	40	4.13,9	8,51	,524	34	1.26,1	2,88	,173
25	16.40	34	2,8	50	7.37	15,3	1,00	50	4.10,7	8,41	,517	35	1.23,0	2,78	,167
30	16.21	33	2,7	7. 0	7.27	15,0	,98	13. 0	4. 7,5	8,30	,509	36	1.20,0	2,68	,161
35	16. 2	33	2,7	10	7.17	14,6	,95	10	4. 4,4	8,20	,503	37	1.17,1	2,58	,155
40	15.43	32	2,6	20	7. 8	14,3	,93	20	4. 1,4	8,10	,496	38	1.14,4	2,49	,149
45	15.25	32	2,5	30	6.59	14,1	,91	30	3.58,4	8,00	,490	39	1.11,8	2,40	,144
50	15. 8	31	2,4	40	6.51	13,8	,89	40	3.55,5	7,89	,482	40	1. 9,3	2,32	,139
55	14.51	30	2,3	50	6.43	13,5	,87	50	3.52,6	7,79	,476	41	1. 6,9	2,24	,134

Table of Refractions, continued.

App. Alt.	Refr. B. 30 Th. 50°	Diff. for +1 B.	Diff. for −1° Fa.	App. Alt.	Refr. B. 30 Th. 50°	Diff. for +1 B.	Diff. for −1° Fa.	App. Alt.	Refr. B. 30 Th. 50°	Diff. for +1 B.	Diff. for −1° Fa.	App. Alt.	Refr. B. 30 Th. 50°	Diff. for +1 B.	Diff. for −1° Fa.
°	′ ″	″	″	°	″	″	″	°	″	″	″	°	″	″	″
42	1. 4,6	2,16	,130	55	40,8	1,36	,082	67	24,7	,83	,050	79	11,2	,38	,023
43	1. 2,4	2,09	,125	56	39,3	1,31	,079	68	23,5	,79	,047	80	10,2	,34	,021
44	1. 0,3	2,02	,120	57	37,8	1,26	,076	69	22,4	,75	,045	81	9,2	,31	,018
45	58,1	1,95	,116	58	36,4	1,22	,073	70	21,2	,71	,043	82	8,2	,27	,016
46	56,1	1,88	,112	59	35,0	1,17	,070	71	19,9	,67	,040	83	7,1	,24	,014
47	54,2	1,81	,108	60	33,6	1.12	,067	72	18,8	,63	,038	84	6,1	,20	,012
48	52,3	1,75	,104	61	32,3	1,08	,065	73	17,7	,59	,036	85	5,1	,17	,010
49	50,5	1,69	,101	62	31,0	1,04	,062	74	16,6	,56	,033	86	4,1	,14	,008
50	48,8	1,63	,097	63	29,7	,99	,060	75	15,5	,52	,031	87	3,1	,10	,006
51	47,1	1,58	,094	64	28,4	,95	,057	76	14,4	,48	,029	88	2,0	,07	,004
52	45,4	1,52	,090	65	27,2	,91	,055	77	13,4	,45	,027	89	1,0	,03	,002
53	43,8	1,47	,088	66	25,9	,87	,052	78	12,3	,41	,025	90	0,0	,00	,000
54	42,2	1,41	,085	67	24,7	,83	,050	79	11,2	,38	,023				

The correction for an increase of altitude of one inch in the barometer, or for a depression of one degree in the thermometer, is to be *added* to the tabular refraction; but when the barometer is lower than 30 inches, or the thermometer higher than 47 degrees, the correction becomes *subtractive.*

When great accuracy is required, 0,003 inch should be deducted from the observed height of the barometer, for each degree that the thermometer near it is above 50 degrees, and the same quantity added for an equal depression.

A Table of the Sun's Parallax in Altitude.

Sun's Altit.	Sun's Horizontal Parallax.					Sun's Altit.	Sun's Horizontal Parallax.				
	″ 8.4	″ 8.5	″ 8.6	″ 8.7	″ 8.8		″ 8.4	″ 8.5	″ 8.6	″ 8.7	″ 8.8
°						°					
0	8.40	8.50	8.60	8.70	8.80	45	5.94	6.01	6.08	6.15	6.22
5	8.37	8.47	8.57	8.67	8.77	50	5.40	5.46	5.53	5.59	5.66
10	8.27	8.37	8.47	8.57	8.67	55	4.82	4.88	4.93	4.99	5.05
15	8.11	8.21	8.31	8.40	8.50	60	4.20	4.25	4.30	4.35	4.40
20	7.89	7.99	8.08	8.18	8.27	65	3.55	3.59	3.63	3.68	3.72
25	7.61	7.70	7.79	7.88	7.98	70	2.87	2.91	2.94	2.98	3.01
30	7.28	7.36	7.45	7.53	7.62	75	2.17	2.20	2.23	2.25	2.28
35	6.88	6.96	7.04	7.13	7.21	80	1.46	1.48	1.49	1.51	1.53
40	6.44	6.51	6.59	6.66	6.74	85	0.73	0.74	0.75	0.76	0.77
45	5.94	6.01	6.08	6.15	6.22	90	0.00	0.00	0.00	0.00	0.00

Logarithm for converting Sidereal into Mean Solar Time + 9.9988126
" " " Mean Solar into Sidereal Time + 0,0011874

A second of Time, at the Equator, contains 1521 feet.

II. METEOROLOGICAL INFORMATION.

I. METEOROLOGICAL TABLES FOR SACO, Me.

Lat. 43° 31′ *N.*, *Long.* 70° 26′ *W.*

By John M. Batchelder.

1844.	Monthly Means of Barometer.				Monthly Means of Attached Therm'eter.				Monthly Means of External Thermometer.				
	At 7 A. M.	At 2 P. M.	At 7 P. M.	Mean.	At 7 A. M.	At 2 P. M.	At 7 P. M.	Mean.	At 7 A. M.	At 2 P. M.	At 7 P. M.	Midnight.	Mean.
July,	29.979	29.958	29.966	29.968	67.3	70.3	70.3	69.3	63.3	75.2	64.2	61.0	65.9
Aug.	29.979	29.966	29.975	29.973	61.7	68.4	68.2	66.1	62.2	74.4	61.5	59.4	64.4
Sept.	30.106	30.093	30.091	30.097	62.4	65.6	65.3	64.4	54.8	69.3	57.8	53.3	58.8
Oct.	30.045	30.027	30.066	30.046	58.3	63.1	63.0	61.5	43.9	53.9	46.7	43.3	47.0
Nov.	29.962	29.894	29.975	29.944	50.2	56.7	54.4	53.8	29.6	39.8	32.2	32.5	33.5
Dec.	29.923	29.967	29.953	29.954	56.3	62.3	59.3	59.3	19.1	28.7	23.9	22.8	23.6
1845.													
Jan.	30.016	30.016	30.041	30.024	53.7	58.8	59.7	57.4	17.8	28.7	20.7	19.4	21.7
Feb.	30.019	30.047	30.040	30.035	56.7	63.1	61.0	60.3	15.4	28.6	19.9	17.6	20.1
Mar.	30.021	30.017	30.046	30.028	57.7	62.9	61.2	60.6	26.3	38.8	30.7	28.3	31.0
April,	30.035	30.029	30.020	30.028	58.8	63.8	62.1	61.6	37.0	47.7	38.6	37.1	40.1
May,	30.063	29.995	29.992	30.017	59.5	63.2	63.7	62.1	51.7	64.1	51.0	48.5	53.8
June,	30.009	29.988	30.028	30.008	65.5	69.2	68.2	67.6	64.5	74.9	65.2	61.8	66.6
Mean,	30.013	30.001	30.016	30.010	59.0	63.9	63.0	62.0	40.5	52.0	42.7	40.4	43.9

2. Winds and Clouds.

1844.	Monthly Means of Force of Wind.				Monthly Means of Clouds.				Amount of rain each month.	Temperature of Saco River.
	At 7 A. M.	At 2 P. M.	At 7 P. M.	Mean.	At 7 A. M.	At 2 P. M.	At 7 P. M.	Mean.		
July,	1.0	2.2	1.3	1.50	4.8	5.1	4.0	4.63	1.746	70.5
August,	1.2	1.8	1.2	1.40	4.2	5.5	5.2	4.97	3.996	70.0
September,	0.9	1.3	0.9	1.03	3.8	4.4	4.4	4.20	2.316	66.2
October,	1.3	1.9	1.0	1.40	3.6	4.3	4.3	4 06	5.728	51.2
November,	1.3	1.7	1.5	1.50	5.3	5.9	4.3	5.17	3.234	40.1
December,	1.3	1.6	1.5	1.47	4.8	5.8	5.2	5.26	6.110	32.0
1845.										
January,	1.6	1.9	1.7	1.73	5.3	5.2	4.5	5.00	5.354	32.0
February,	1.2	1.3	1.0	1.17	4.5	4.4	3.5	4 13	4.494	32.0
March,	1.3	1.9	1.2	1.47	5.3	5.0	4.6	4.96	4.056	32.6
April,	1.4	2.1	1.5	1.67	5.7	6.4	5.5	5.87	1.074	41.0
May,	1.8	2.8	2.0	1.20	4.7	5.0	5.2	4.96	3.414	55.9
June,	1.5	2.5	1.6	1.86	4.1	3.9	3.5	3.83	1.960	69.7
Mean,	1.32	1.92	1.37	1.54	4.67	5.07	4.52	4.75	42.789	49.4

Maximum heat, June 9, 1844, +87° } Range, 103°.
Minimum heat, February 8, 1845, —14° }
River closed by ice, November 28; river opened, March 28.
Number of falls of snow, 23.
On the 12th of May, at 2 o'clock, P. M. the temperature was 87°
At 7 o'clock, P. M. . . . . 51°
Difference in five hours, . . . 36°
The Barometer is placed 69 feet above the mean level of high water.

II. METEOROLOGICAL TABLES FOR HAMPDEN, Me:

Lat. 44° 42′ *N.*, *Long.* 68° 56′ *W.*; *by Jedediah Herrick.*

1843.	Barometer.									Electrical Phenomena.	
Months.	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Maximum	Day of Mo.	Minimum.	Day of Mo.	Range.	Thunder; Days.	Aurora Borealis, Even'gs.
August,	29.618	29.767	29.675	29.708	30.16	5	29.30	14	0.86	18, 29	
September,	29.882	29.840	29.804	29.686	30.14	14	29.05	21	1.35	18	
October,	29.761	29.720	29.581	29.603	30 19	20	29.20	4	0.99	4	18
November,	30.022	30.076	29.953	29.904	30.59	15	29.17	2	1.42		6, 9, 30
December,	30.067	29.776	30.033	29.721	30 64	13, 16	29.17	3	1.47		1
January, '44	30 612	29.840	29.966	29.966	30.50	15	28.83	17	1.67		24
February,	30.137	30.137	30.072	30.137	30.43	13	29.60	22	0.83		4, 21, 23
March,	30.730	30.066	30.005	30.093	30.54	7	29.40	17	1.14		26, 29
April	30.538	30 839	29.736	30.118	31.02	2	29.55	14	1.47		5, 6, 25
May,	29.896	29.888	29.873	29.848	30.32	23	29.15	7	1.17		5, 8, 22
June,	29.807	29.688	29.660	29.737	30 35	15	29.20	28	1.15	5, 26	
July,	29.730	29.699	29.571	29.666	30.08	28	29.20	2	0.88	6, 14, 22, 26	
Year,	30.066	29.861	29.744	29.765	30.413		29.235		1.20	10	17

2. THERMOMETER.

1843.	Thermometer.											
Months.	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Mean.	Warmest Day.	Day of Mo.	Coldest Day.	Day of Mo.	Maximum.	Day of Mo.	Minimum.	Day of Mo.	Range.
August,	60.	71.33	75.50	63.80	67.67	76.75	19	60.75	31	86	4	50	2, 5	30
September,	48.80	59.33	63.75	53.50	56.75	74.50	4	39.50	27	85	4	32	12	53
October,	38.75	44.	48.12	41.70	44.12	57.50	21	32.	27	65	21	28	20, 27	37
November,	27.03	31.40	34.67	28.10	30.30	45.50	2	12.	30	48	2	11	30	37
December,	17.88	21.74	26.55	20.48	21.64	32.	31	4.25	13	37	4, 15	0	1	37
January, '44	3.93	6.09	15.12	10.37	8.88	40.75	17	-7.	28	47	17	-19	28	66
February,	13.44	21.	30.91	20.48	21.	33.	20	1.25	10	44	20	-8	12	52
March,	24.60	30.50	36.10	29.90	29.64	30.50	1, 18	13.75	27	50	1	8	5	42
April,	36.20	48 066	53.93	40.93	43.78	62.25	13	21.50	1	81.50	14	6	1	75.50
May,	42.22	55.57	59.74	47.93	51.88	62,25	2	42.50	26	76	2	34	20, 22	42
June,	54.60	65.96	70.60	58.03	62.29	78.75	25	51.50	11	88	26	40	15	48
July,	55.87	66.16	70.74	59.80	63.21	70.75	23	56.50	4	82	2	47	27	35
Year,	35.28	43.59	48.81	39.59	41.78	50.37		24.79		65.79		22 25		48.67

3. Winds and Clouds.

1843.	Clearness of Sky. 0—10.				Force of Winds. 0—6.				Velocity of Clouds. 0—6.				Rain.		Snow.	
Months.	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Rainy d's.	Quantity.	Snowy d's.	Quantity.
August,	4.85	3.00	4.	4 55	1.06	1.55	1.84	1.65					11			
September,	5.23	5.03	4 63	6.27	1.36	1.96	2.16	1.40	0.68	1.	1.06	0.55	8			
October,	2.80	3.60	3.20	3.60	1.81	1.81	2.03	1.74	1.50	1.55	2.	0.65	16			
November,	3.63	4 10	3.53	4.33	1.87	2.06	2.13	1.93	1.10	1.24	1.35	0.85	7		4	
December,	2.26	2.45	3.25	3.45	1.68	1.68	1.58	1.58	0.58	1.	0.50				13	22.
January, '44	7.43	6.93	5.80	4.63	1.16	2.86	2.84	3.19	0.34	0.67	0.33		2	4.	12	
February,	4.48	5.17	5.03	6.	2.	2.	2.13	2.33	0.90	0.35	0.25		1	0.30	8	22.50
March,	4.16	5.83	5.	5.58	2.48	2 35	2.26	2.12	0.85	0.66	0.80		7	3.33	6	12.
April,	6.26	6.76	6 60	6.26	1.27	1.77	2.50	1.033	0.17	0.88	0.50		3	0.28		21.11
May,	4.06	5.19	5.36	5.70	1.58	1.90	2.36	1.60	0.76	1.03	1.15	0.72	15	4.43		
June,	4.05	4.96	4.70	5.40	1.56	1.93	2.40	1.70	1.21	1.65	2.24	0.82	8	3.09		
July,	5.03	5.39	5.58	4.55	1.67	2.17	2.38	2.16	1.	1.45	2.13	1.56	10	4.72		
Year,	4.52	4.86	4.72	5.03	1.62	2.	2.22	1.89	1.09	0.95	1.08		88	20.15	43	77.61

Altitude of the instruments, 180 feet above tide water in Penobscot River.

III. METEOROLOGICAL TABLE FOR WORCESTER, Mass.

Lat. 42° 15′ 49″ *N.; elevation* 483 *feet; for the Year* 1844.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Barometer.	inch.	inch	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	
Greatest height,	29.74	29.75	29.90	30.24	29.78	29.78	29.66	29.66	29.85	29.98	29.76	29.94	
Least height,	28.35	28.84	28.79	29.23	28.94	29.11	29.07	29.00	29.54	28.71	28.89	28.41	
Mean,	29.04	29.39	29.34	29.73	29.36	29.44	29.36	29.33	29.19	29.34	29.32	29.17	
Thermometer.	°	°	°	°	°	°	°	°	°	°	°	°	
Greatest height	40	56	57	66	84	88	87	90	89	71	58	54	
Least height,	−8	0	6	18	35	44	50	51	30	28	10	8	
Mean,	16	28	31.5	52	59.5	66	68.5	70.5	59.5	49.5	34		
Fair days,	22	20	13	18	19	24	21	22	21	15	19	16	230
Cloudy days,	9	9	18	12	12	6	10	9	9	16	11	15	136
Rain fell,	5	3	7	4	14	7	11	11	7	11	7	6	93
Snow fell,	6	9	6	0	0	0	0	0	0	0	2	7	30
Halos of Moon,	2	1	0	0	0	0	0	0	0	0	0	0	3
Aur. Borealis,	0	0	0	1	0	0	0	1	0	0	0	0	2
Inches of Rain,	3.14	1.44	3.80	0.35	3.67	1.92	3.50	3.39	3.68	7.34	3.06	2.56	37.85
do. of Snow,	13.5	12	18.5	0	0	0	0	0	0	0	5	8	57
Days of													
N. wind,	0	0	0	0	0	0	0	0	0	0	0	0	0
N. W. "	21	13	14	7	3	4	3	7	13	10	8	10	113
W. "	1	2	3	1	4	4	0	4	3	0	5	2	29
S. W. "	5	6	6	10	10	15	13	10	6	9	4	8	102
S. "	0	0	0	0	1	0	0	0	0	0	0	0	1
S. E. "	0	0	3	1	3	0	3	3	3	5	2	0	23
E. "	0	0	0	1	0	0	0	1	0	0	0	0	2
N. E. "	3	5	5	8	2	5	5	4	4	6	6	8	61

IV. METEOROLOGICAL TABLE FOR ROCHESTER, N. Y.

Lat. 43° 8′ 17″, Long. 77° 51′. Elevation 506 feet; on the Genessee River, seven miles from Lake Ontario. From the Meteorological Journal of the Rochester Collegiate Institute, kept by L. Wetherell.

1844.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Barometer.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	inch.	
Greatest height,	30.02	29.92	30.02	30.10	29.98	29.91	29.73	29.77	29.89	30.00	29.86	29.90	
Least height,	28.73	29.35	28.98	29.32	29.00	29.25	29.17	29.10	29.20	28.90	29.00	29.87	
Mean,	29.55	29.62	29.52	29.56	29.50	29.54	29.51	29.45	29.63	29.57	29.51	29.46	
Thermometer.													
Monthly Mean,	20°.90	28°.61	34°.44	52°.62	58°.65	63°.90	68°.36	66°.16	61°.70	45°.96	36°.33	29°.91	
Highest degree,	45	48	60	83	86	86	80	87	89	72	60	52	
Lowest degree,	0	-2	14	11	35	39	45	50	32	29	14	6	
Range,	45	50	46	72	51	47	44	37	57	43	46	46	
Warmest day,	16	20	28	23	25	26	9	16	20	2	12	26	
Coldest day,	27	9	18	1	21	11	26	28	27	29	27	28	
Fair days,	8	8.5	9.5	18.5	16	19	16	21	22.5	12	11	8	170
Cloudy days,	23	20.5	21.5	11.5	15	11	15	10	7.5	19	19	23	196
Rain fell,	4	3	9	11	16	12	19	16	7	11	10	6	124
Snow fell,	21	14	8	0	0	0	0	0	0	3	9	15	70
Rain & Snow,	1	3	3	0	0	0	0	0	0	0	0	2	9
Solar halos,	1	0	1	1	0	0	0	0	0	0	0	0	3
Lunar halos,	3	0	0	0	0	0	0	0	0	0	2	0	5
Aur. Borealis,	0	0	0	0	3	0	0	0	0	1	1	0	5
Inches of rain & melted snow,	2.21	.37	1.11	.72	4.18	3.19	3.30	1.74	.68	4.81	2.19	1.64	26.17
Days of													
N. wind,	2.5	2	2	1	1	6.5	1.5	2	5.5	2.5	1	5	28
N. E. "	2	1.5	6.5	9.5	.5	4.5	6.5	3.5	6.5	3	1	2.5	47.5
E. "	2.5	1	2	1	0	0	1	0	1.5	1	1.5	1	12.5
S. E. "	5.5	1.5	2.5	4.5	2	.5	0	0	.5	1.5	1.5	6.5	26.5
S. "	2	4	2	1	2.5	1	0	4	.3	3.5	4	.5	27.5
S. W. "	1.5	7	5	6	3.5	6.5	3.5	5.5	1.5	3.5	4.5	4	52
W. "	2	3	6	4.5	7.5	5.5	8	8	4.5	7	8.5	9	73.5
N. W. "	13	9	5	2.5	14	5.5	10.5	8	7	9	8	7	98.5

V. METEOROLOGICAL TABLES FOR NEW YORK STATE;

Summary of the Observations of Temperature at the Several Academies in the State of New York, for the year 1844.

Academies.	Mean Temperature in each Month.												Year.		
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Mean.	Highest.	Lowest.
Albany,	15.5	24.7	35.4	54.5	60.8	67.3	70.6	69.5	63.0	49.2	37.6	29.3	48.16	86	—12
Auburn,	16.9	26.0	34.0	53.0	59.5	64.1	69.9	72.3	64.3	45.6	40.0	34.1	48.32	89	— 6
Cayuga,	22.0	28.1	34.3	52.1	57.1	64.1	68.4	68.4	62.0	46.5	37.4	29.4	47.52	91	0
Cherry-Valley,	13.9	22.6	31.9	50.3	55.3	62.3	65.7	65.5	57.8	44.9	33.6	25.2	44.11	83	—15
Cortland,	17.4	26.1	33.3	47.8	54.8	56.6	65.2	62.6	54.9	43.5	35.2	27.8	43.81	88	—12
Dutchess,	19.9	28.2	38.2	56.3	61.8	68.0	70.0	74.9	62.3	52.5	40.0	30.5	50.28	92	—12
Erasmus Hall,	26.7	32.5	41.2	53.8	62.5	66.6	71.1	71.1	64.7	53.0	43.6	34.5	51.81	86	5
Fairfield,	10.9	21.7	30.5	46.2	54.3	61.3	64.3	62.9	57.1	42.7	32.2	24.0	42.36	89	—17
Farmer's Hall,	20.0	27.3	35.7	52.0	58.3	64.4	66.5	64.4	58.1	46.6	37.9	29.4	46.77	83	— 8

Academies.	Mean Temperature in each Month.												Year.		
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Mean.	Highest.	Lowest.
Franklin,	19.4	27.3	34.9	52.0	55.7	62.4	65.9	63.0	57.5	43.5	36.7	29.2	45.67	92	—10
Fredonia,	24.7	31.3	35.5	54.0	60.7	66.5	70.0	68.4	61.5	49.4	42.5	35.8	50.08	90	3
Gouverneur,	14.0	22.3	31.1	50.3	59.7	63.3	71.7	70.0	59.8	44.1	32.6	22.7	45.18	94	—28
Granville,	9.8	18.9	29.5	48.5	56.8	63.8	67.4	66.8	58.2	45.4	33.3	24.3	43.59	92	—31
Hamilton,	15.5	23.2	33.5	51.4	54.5	65.1	69.1	64.5	59.2	38.6	33.8	27.5	44.71	90	—15
Hudson,	21.3	24.6	33.3	53.1	58.0	65.4	68.1	67.5	61.6	47.4	36.6	28.1	47.13	92	—12
Ithaca,	25.8	29.3	36.0	54.7	60.2	68.0	71.1	68.9	60.7	45.9	36.9	30.7	49.06	94	— 1
Johnstown,	5.7	23.2	32.8	52.3	57.7	65.2	68.9	68.0	61.7	44.8	33.4	25.1	44.95	93	—30
Kinderhook,	14.0	23.5	34.5	52.4	59.9	66.5	68.3	68.4	61.1	47.4	39.9	28.7	46.25	90	—12
Lansingburgh,	12.0	20.8	32.5	52.0	60.1	64.0	69.1	67.2	62.2	47.3	36.2	25.6	45.60	94	—21
Lewiston,	22.8	30.0	34.3	51.6	58.4	63.6	70.0	67.1	60.8	45.0	37.6	31.5	47.76	87	0
Lowville,	11.4	22.8	31.4	46.8	55.8	61.8	66.4	62.8	58.0	40.7	30.9	23.4	42.73	92	—21
Middlebury,	19.2	27.3	33.0	54.1	59.1	63.1	68.6	67.8	63.2	45 1	35.5	29.6	47.17	90	—12
Millville,	21.6	28.0	31.2	54.4	57.4	62.9	67.7	65.2	59.5	44.7	36.6	30.5	46.60	94	— 5
Mount Pleasant,	21.5	28.0	37.1	53.2	62.2	66.9	70.2	71.6	61.8	50.0	39.3	31.4	49.48	88	— 2
Newburgh,	19.3	26.1	34.6	53.5	63.6	67.9	69.4	71.0	64.8	49.9	39.0	30.7	49 19	94	— 5
New York Ins.	24.4	31.6	40.8	52.9	62.3	67.7	73.1	71.9	64.4	52.9	42.2	34.2	51.57	82	4
North Salem,	20.5	27.2	36.7	52.3	60.8	65.1	68.8	68.0	58.8	47.9	38.8	29.5	47.91	93	— 6
Oneida Conference,	14.6	22.8	30.6	50.3	54.9	60.3	65.9	64.0	58.6	42.8	32.0	29.4	43.89	88	—18
Onondaga,	16.3	26.1	33.0	51.1	56.6	61.8	66.4	63.9	58.3	44.4	34.9	28.7	45.17	87	—12
Oxford,	15.2	23.9	32.3	51.5	56.2	62.7	67.1	64.6	56.6	42.8	33.4	25.6	44.38	88	—16
Rensselaer Oswego	12.6	22.9	30.2	47.7	54.8	60.3	64.6	63.0	58.6	44.0	34.3	26.2	43.31	91	—14
Rochester,	20.9	28.6	34.4	52.6	58.6	63.9	68.3	66.1	61.7	45.9	36.3	29.9	47.29	89	— 2
St. Lawrence,	9.0	21.2	30.2	52.1	57.6	63.9	68.8	64.2	58.7	43.5	31.4	21.3	43.53	85	—28
Union Hall,	24.1	30.3	38.6	51.4	59.5	63.5	66.6	67.4	62.4	50.1	41.2	32.6	49.02	90	— 2
Union L S.,	17.8	28.7	34.8	54.7	63.5	71.6	72.9	71.0	64.8	54.6	38.1	28.4	50.13	92	—10
Utica,	14.9	24.0	33.5	52.3	58.3	65.1	69.2	66.6	55.3	46.1	35.3	27.7	45.75	87	—12
Washington,	12.0	21.8	33.4	52.5	62.9	67.0	70.4	71.8	61.7	51.8	40.2	27.6	47.80	93	—26

VI. METEOROLOGICAL TABLE FOR TRENTON, N. J.

For the Year 1844; *by Dr. F. A. Ewing.*

Months.	Thermometer.				Frequent or Prevailing Winds.	No. of Rains.	No. of Snows.	REMARKS. Observations at Sunrise, 2 P. M., and 10 P. M.
	Maximum.	Minimum.	Range.	Mean.				
Jan.	53	7	46	28.36	N. W.	6		
Feb.	57	13	44	33.21	N. W.–S. W.	4	6	
March,	64	21	43	42.31	N. W.	12	5	
April,	80	28	52	54.24	S. W.	8	1	
May,	86	42	44	63.00	S. W.	15		
June,	89	51	38	67.52	S. W.	8		
July,	90	60	30	72.74	S. W.	13		
Aug.	91	57	34	74.48	S. W.–N. W.	8		
Sept.	87	41	46	65.02	N. E.	6		
Oct.	72	36	36	50.42	N. E.	9		1st Fr., 12th. 1st Sn., 30th.
Nov.	66	26	40	43.68	S. W.	10		
Dec.	60	16	44	35.09	N. W.	10	4	
Year,	91	7	84	52.50	S. W.	109	16	Total Depth, 20 inches.

The hottest day of the year was Aug. 9th, the mean of that day being 82°. The coldest day was January 26th, its mean being 14°.33.

VII. METEOROLOGICAL TABLES FOR LAMBERTVILLE, HUNTERDON CO., N. J.

Lat. 40° 23′ N. *Long.* 74° 56′ W.; *by Mr. L. H. Parsons.*

1. SUMMARY FOR THE YEAR ENDING JUNE 30, 1845.

1844–5.	Thermometer. Mean. 7 A. M.	2 P. M.	9 P. M.	Maximum.	Day of Mth.	Minimum.	Day of Mth.	Range.	Barometer. Mean. 7 A. M.	2 P. M.	9 P. M.	Maximum.	Day of Mth.	Minimum.	Day of Mth.	Range.
July,	68.51	81.47	70.27	94	14	44	5	50	29.971	29.929	29.942	30.26	29	29.65	16	.61
August,	66.85	78.74	65.99	90	17	49	13	41	29.948	29.929	29.934	30.16	15	29.59	23	.57
Sept.	56.91	72.40	57.83	86	21	36	27	50	30.084	30.058	30.067	30.47	6	29.28	29	1.19
Oct.	44.23	57.21	47.81	73	10	31½	31	41½	30.065	30.051	30.069	30.51	21	29.43	15	1.08
Nov.	34.99	46.66	38.88	61	8	23	28	38	30.016	29.996	30.009	30.30	27	29.58	23	.82
Dec.	26.89	36.35	30.25	58	7	10	28	47	29.996	29.941	29.976	30.46	2	28.96	23	1.50
Jan. '45.	28.55	36.95	30.65	52	16	12	19	40	29.995	29.985	30.005	30.57	19	29.36	25	1.21
Feb.	23.94	36.39	28.08	60	21	3	9	57	29.977	29.959	29.934	30.45	14	28.97	4	1.48
March,	34.87	49.76	40.09	76	28	21	20	55	29.997	29.994	30.052	30.41	26	29.39	5	1.02
April,	42.96	56.88	45.61	78	24	23½	9	54½	30.004	30.001	29.997	30.37	30	29.60	4	.77
May,	53.21	68.29	55.92	86½	12	33	31	55½	29.995	29.971	29.979	30.44	10	29.63	15	.81
June,	64.76	79.06	65.90	94½	9	47	18	47½	30.011	29.994	29.998	30.26	18	29.75	28	.51
Year.	45.55	58.35	48.11	94½	(*a*)	3	(*b*)	91½	30.005	29.992	29.997	30.57	(*c*)	28.96	(*d*)	1.61
Yr. 1844.	44.49	57.64	47.49	94	(*e*)	½	(*f*)	93½	30.036	30.003	30.019	30.74	(*g*)	28.86	(*h*)	1.88
1843.	45.40	56.40	47.05	94½	(*i*)	4½	(*j*)	90	30.063	30.045	30.068	30.69	(*k*)	29.03	(*l*)	1.66
1842.	46.20	57.29	47.52	88	(*m*)	10	(*n*)	78	30.022	29.995	29.973	30.57	(*o*)	28.95	(*p*)	1.62
1841.	45.41	55.52	46.88	92½	(*q*)	½	(*r*)	91½	29.999	29.977	29.986	30.78	(*s*)	29.02	(*t*)	1.76
1840.	48.97	58.41	47.19	89½	(*u*)	–6	(*v*)	95½	30.010	29.982	29.993	30.58	(*w*)	29.17	(*x*)	1.41
1839.	50.00	60.03	48.95	95	(*y*)	1	(*z*)	94	29.984	29.982	29.969	30.74	(*aa*)	28.90	(*bb*)	1.84
1838.	47.01	57.76	48.58	97½	(*cc*)	0	(*dd*)	97½	29.925	29.900	29.913	30.70	(*ee*)	29.09	(*ff*)	1 61

(*a*) June 9.—(*b*) Feb. 9.—(*c*) Jan. 19.—(*d*) Dec. 23.—(*e*) July 14.—(*f*) Jan. 28.—(*g*) April 2.—(*h*) Jan. 17.—(*i*) July 2.—(*j*) Dec. 14.—(*k*) Jan. 17.—(*l*) Jan. 31.—(*m*) July 27.—(*n*) Feb. 17.—(*o*) Dec. 24.—(*p*) Feb. 16.—(*q*) June 8.—(*r*) Jan. 4.—(*s*) Jan. 19.—(*t*) April 30.—(*u*) July 16.—(*v*) Feb. 5.—(*w*) Jan. 26.—(*x*) May 4.—(*y*) July 19.—(*z*) Jan 1.—(*aa*) Jan. 1.—(*bb*) Dec. 28.—(*cc*) July 11.—(*dd*) Dec. 31.—(*ee*) Nov. 11.—(*ff*) Feb. 16.

2. WEATHER FOR THE YEAR ENDING JUNE 30, 1845.

Months. 1844–5.	Clear.	Cloudy.	Rain or Snow.	Water in Inch.	Months. 1844.	Clear.	Cloudy.	Rain or Snow.	Water in Inch.
July, '44.	0	0	11	4.459	May,	5	2	12	2.461
August,	0	1	11	2.281	June,	2	2	14	3.141
September,	4	3	5	4.172	Year.	26	37	126	42.382
October,	3	3	12	4.391	Yr. 1844,	28	33	131	40.319
November,	3	7	11	3.417	1843,	19	38	137	51.120
December,	2	4	8	3.087	1842,	25	32	139	41.855
January, '45,	1	5	13	3.719	1841,	10	44	142	57.365
February,	2	4	8	5.726	1840,	31	48	110	41.612
March,	4	2	9	4.022	1839,	16	52	97	44.008
April,	0	4	12	1.506	1838,	8	22	86	37.997

Remark. — The figures in the above table, under the heads of "Clear," and "Cloudy," denote the number of days which were *perfectly clear*, or *entirely cloudy*, at the times when the respective entries were made.

VIII. METEOROLOGICAL TABLES FOR THE UNIVERSITY OF NORTH CAROLINA, AT CHAPEL HILL.

Lat. 35° 54′ 21″ *N.* *Long.* 79° 17′ 30″ *W.*

By James Phillips, Prof. Mathematics and Nat. Philosophy.

Months.	Barometer.				Thermometer attached.			
	Sunrise.	9 A. M.	3 P. M.	9 P. M.	Sunrise.	9 A. M.	3 P. M.	9 P. M.
June, 1844,	29.711	29.742	29.727	29.729	66.3	73.1	83.3	74.9
July,	.657	.681	.662	.653	73.8	79.7	91.1	79.8
August,	.620	.654	.642	.640	68.2	75.5	85.7	75.4
September,	.706	.737	.715	.717	63.2	70.1	78.4	68.8
October,	.693	.726	.687	.697	50.7	57.4	65.3	56.9
November,	.681	.710	.680	.687	46.2	50.6	59.9	52.1
December,	.629	.648	.635	.639	36.6	40.3	51.2	42.8
January, 1845,	.677	.709	.689	.679	39.7	43.3	56.5	46.3
February,	.653	.677	.654	.648	39.4	44.8	55.9	46.6
March,	.697	.731	.712	.707	41.7	52.8	64.5	53.1
April,	.683	.717	.690	.676	57.1	68.4	79.8	66.6
May,	.682	.709	.699	.686	58.9	66.2	78.3	66.4
Annual Mean,	29.674	29.703	29.682	29.679	53.5	60.2	70.8	60.8

Months.	Thermometer detached.				Monthly Mean.	Clearness, from 0 to 10.				Rainy Days.	Cloudy Days.	Clear Days.
	Sunrise.	9 A. M.	3 P. M.	9 P. M.		Sunrise.	9 A. M.	3 P. M.	9 P. M.			
June, 1844,	66.5	75.2	82.7	72.5	75.497	4.2	4.6	3.1	4.7	9	29	1
July,	73.9	81.6	90 6	79.1	81.292	3.6	4.3	3.3	5.6	6	31	
August,	68.8	76.9	84.7	75.0	76.349	5.3	5.4	3.2	6.5	11	31	
September,	63.9	71.1	78 6	69.1	70.675	5.2	4.8	4.2	7.8	7	28	2
October,	50.8	58.8	66.1	56.9	58.163	5.3	5.8	4.2	5.8	9	27	4
November,	46.3	51.9	59.8	52.4	52 606	4.1	4.4	4.4	5.3	12	24	6
December,	36.3	40.3	49.8	42.1	42.121	3.9	3.6	5.6	6.8	5	29	2
January, '45,	39.3	43.2	54.9	45.6	45.767	4.1	4.2	5.0	6.1	9	30	1
February,	39.0	44.5	55.2	46.4	46.297	4.9	4.8	4.6	6.6	4	24	4
March,	44.6	52.1	63.9	53.1	53.446	5.3	5.3	5.2	6.3	7	23	8
April,	57.4	67.3	79.8	66.4	67.725	4.5	4.6	5.4	7.2	3	27	3
May,	58.9	69.1	77.6	66.5	68.032	4.7	5.2	3 4	5.7	10	27	4
Ann'l Mean,	53.8	61.0	70 3	60.4	61.498	4.6	4.8	4.3	6.2	92	330	35

Hottest Day, July 27th.—

Barometer	at Sunrise, 29.478;	9 A. M. 29.510;	3 P. M. 29.510;	9 P. M. 29.558
Attached Therm,	" 80	" 88	" 97	" 86
Detached Therm,	" 79	" 89	" 97.5	" 86
Mean,	- -	- -	- -	87.875

Coldest Day, February 1st,—

Barometer	at Sunrise, 29.9;	9 A. M. 29.908;	3 P. M. 29.872;	9 P. M. 29.872
Attached Therm.	" 22	" 23	" 28.5	" 25
Detached Therm.	" 19	" 26	" 28.5	" 25
Mean,	- -	- -	- -	24.625

First peach-blossom on the 25th of February. Frogs 'singing' on the 12th of February. Prunus Chicasa in bloom on the 2d of March, and Cercis Canadensis on the 16th. Fruit generally destroyed by severe frosts, occurring on the 13th, 20th, 21st, and 22d of March, the detached Thermometer being at sunrise on those days, 26°, 24°, 30°, and 31°. The coldest of these days was the 20th, the Thermometer averaging for 24 hours only 34°. Annual Barometrical Mean, 29.685 inches.

IX. METEOROLOGICAL TABLES FOR CHARLESTON, S. C.,

Latitude 32° 46′ 33″. *Longitude* 79° 57′ 27″.

For the year 1844; *by John L. Dawson, M. D.*

Months. 1844.	Thermometer. Max. 7 A. M.	Max. 2 P. M.	Max. 9 P. M.	Min. 7 A. M.	Min. 2 P. M.	Min. 9 P. M.	Mean Temperature. 7 A. M.	Mean Temperature. 2 P. M.	Mean Temperature. 9 P. M.	Hottest Day.	Coldest Day.	Barometer. Maximum.	Barometer. Minimum.	Barometer. Range.
January,	55	60	58	27	29	34	44.82	49.58	47.00	23	27	30.15	28.72	1.43
February,	54	58	57	30	40	36	45.34	54.34	49.44	22	9	30.20	29.15	1.05
March,	60	66	62	44	52	46	53.48	59.77	55.74	13	5	30.25	29 07	1.18
April,	74	82	70	43	50	50	63.36	36.83	65.40	27	2	30.35	29.12	1.23
May,	75	86	77	68	74	69	73.74	79.03	74.87	17	7	30.14	29.30	0.74
June,	80	87	82	68	74	73	75.93	81.16	77.33	29	12	29.90	29.50	0.40
July,	83	90	87	78	84	78	77.51	85.25	80.51	26	5	29.85	29.40	0.45
August,	83	90	84	66	74	74	77.61	80.06	79.48	9	29	29.92	29.25	0.67
September,	77	86	80	60	63	58	72.75	77.63	74.06	2	29	29.99	29.40	0.59
October,	72	80	72	49	54	53	62.96	72.38	62.09	18	30	30.05	29.04	1.01
November,	70	78	73	48	55	50	58.33	64.56	62.23	13	25	30.30	29.09	1.21
December,	67	69	64	32	40	38	48.16	55.54	52.64	7	17	30.76	29.50	1.26

2. Direction of Winds and Quantity of Rain.

Months. 1844.	Course of Winds. North.	North West.	North East.	East.	South East.	South.	South West.	West.	Prevailing Winds.	Weather. Fair.	Cloudy.	Rainy.	Prevailing Weather.	Quant. of Rain. Inches.
January,	3	6	13	1	0	2	3	3	N. E.	13	2	16	Rainy.	2.21
February,	1	7	5	2	4	2	5	2	N. W.	17	7	5	Fair.	2.33
March,	3	5	2	1	6	8	3	3	S.	13	10	8	Fair.	4.20
April,	2	0	2	11	2	7	5	1	E.	23	5	2	Fair.	1.50
May,	1	0	7	1	1	17	4	0	S.	21	5	5	Fair.	2.14
June,	0	0	7	3	9	5	6	0	S. E.	17	5	8	Fair.	1.80
July,	0	1	2	4	1	6	15	2	S. W.	20	2	9	Fair.	0.45
August,	1	3	1	4	10	1	10	1	S. W.	23	0	8	Fair.	7.38
September,	3	2	8	7	5	2	2	1	N. E.	17	2	11	Fair.	4.95
October,	4	7	6	3	5	2	3	1	N. W.	28	6	2	Fair.	1.53
November,	7	4	7	1	0	1	8	2	S. W.	21	3	6	Fair.	5.40
December,	7	10	5	0	0	0	5	4	N. W.	18	8	5	Fair.	2.50

X. METEOROLOGICAL TABLE FOR NASHVILLE, TENN.

Lat. 36° 9' 33'' *N. Long.* 86° 49' 3'' *W.*

By Prof. James Hamilton, of Nashville University.

	Mean Temperature.							Amount of Rain.					
Mo's.	1840	1841	1842	1843	1844	Aver-age.	Sun-rise.	1840	1841	1842	1843	1844	Mean.
Jan.	34.835	36.565	41.125	40.065	39.515	38.225	30.61	3.05	9.09	5.56	3.79	3.54	5.006
Feb.	46.920	37.785	41.285	34.355	43.600	40.807	31.39	4.87	2.25	7.30	2.93	2.57	3.984
Mar.	54.250	50.430	59.480	33.885	49.125	49.434	39.93	4.05	4.89	5.63	4.29	5.66	4.904
April,	62.030	57.700	63.770	58.410	67.100	61.922	51.47	11.82	4.38	4.15	4.65	1.00	5.200
May,	66.700	66.320	68.650	67.220	72.790	68.336	58.68	6.55	4.50	6.48	4.04	3.15	4.944
June,	76.650	78.165	75.550	74.910	17.165	76.488	66.99	5.72	4.42	4.81	4.87	5.16	4.998
July,	78.040	80 580	77.095	79.485	82.180	79.476	70.63	5 05	5.47	2.73	4.23	4.57	4.410
Aug.	77.240	76.610	74.275	74.960	75.775	75.776	68.26	4.90	8.58	4.50	5.94	1.39	5.062
Sept.	68.350	70.085	71.770	75.445	69.765	70.803	61.54	3.04	5.70	5.09	8.61	3.23	5.134
Oct.	60.680	53.985	56.030	52.015	53.770	55.296	43.32	6.83	5.45	1.29	5.09	3.30	4.392
Nov.	40.500	48.900	40.830	47.320	48.185	45.147	38.16	2.19	2.95	3.01	6.16	5.54	3.970
Dec.	38.400	40.130	38.985	40.580	40.065	39.632	32.31	1.07	4.02	3.04	3 71	3.16	3.000
Year,	58.601	58.155	59.070	56.556	59.927	58.445	49 44	59.14	61.70	53.59	58.31	42.27	55.002

Mean Temperature of the Seasons, during the last five years.

Spring, 59.897; Summer, 77.247; Autumn, 57.081; Winter, 39.979.

Greatest range observed within 16 years, 117 — from 99 in 1829 to −18 on Jan. 26th, 1832.

Range during the last five years, 98 — from 0 to 98.

The highest minimum at night, 82 and 79, each once; 78 twice, but rarely more than 76.

The greatest amount of rain observed in any month, was 12 inches, in January, 1828; The next was in April, 1840 — 11.82 inches.

Fruits, Vegetables, and Flowers in bloom in 1845.

Fruit and other Trees. — Jan. 22, nutmeg and Royal George peaches; 26th, early rose peach, and common plum, (a native;) 27th, maple, dogwood, and poplar; 29th, peaches of all kinds; 30th, egg and bergamot pear; Feb. 21st, May Duke, and double flowering cherry; 22d, apple; 24th, apricot, plums of all kinds; 28th, grape vine.

Vegetables. — Feb. 19th, peas, lettuce abundant; 10th, radishes, asparagus, and pie plant; March 30th, strawberries ripe; April 10th, peas ripe, and beets in market. This has been one of the most backward seasons.

Flowers. — Feb. 10th, hyacinths and crocus; 20th, flowering almonds, honey-suckles; 22d, tulips, and daily hardy rose; 26th, monthly strawberries; March 10th, sweet-williams, Chinese, and common pinks; 18th, musk cluster, and maiden's blush; April 1st, Chinese queen, blush, and Scotch thorn roses; 15th, moss, white, yellow, and Bourbon roses; 30th, Jacobin lily; May 1st, larkspur, double and single.

XI. METEOROLOGICAL TABLES FOR STEUBENVILLE, OHIO.

Lat. 40° 25′ *N.*, *Long.* 80° 41′ 24″ *W.* *Altitude above tide water at Baltimore, 670 feet.* *By Roswell Marsh.*

I. TABLE FOR TEN YEARS. MEANS; 1833–1842, INCLUSIVE.

1833-42.	Thermometer Mean.					Barometer Mean.					Melted Snow and Rain.	Time of do.		Winds.		Atmosphere.	
Year.	6 A. M.	12 M.	6 P. M.	Highest.	Lowest.	6 A. M.	12 M.	6 P. M.	Highest.	Lowest.	Inches. Hundredths.	No. of rainy days.	No. of snowy days.	Days Northwardly	Days Southwardly.	Clear days.	Cloudy days.
1833,	45	56	54	93	5	29.50	29.51	29.50	29.91	28.80	35 65	93	25	194	171	167	198
1834,	45	57	54	92	8	29.53	29.53	29.52	30.12	28.87	38 78	110	22	198	167	159	206
1835,	43	54	51	88	-11	29.44	29.45	29.44	29.97	28.65	38 15	118	38	182	183	126	239
1836,	42	54	51	91	-10	29.45	29.46	29.44	29.95	28.75	39 15	109	37	216	150	135	230
1837,	42	56	51	93	3	29.40	29.41	29.40	29.90	28.68	35 39	106	43	172	193	139	226
1838,	42	56	51	94	-12	29.45	29.46	29.44	30.05	28.65	28 16	83	42	201	164	165	200
1839,	43	56	52	92	-1	29.46	29.47	29.46	30.05	28.72	28 02	88	27	204	161	164	201
1840,	44	58	54	92	-6	29.43	29.44	29.43	29.85	28.59	37 56	91	22	200	166	156	210
1841,	43	57	52	95	-6	29.39	29.40	29.40	29.91	28.60	31 27	89	43	228	137	150	215
1842,	44	56	53	94	5	29.42	29.44	29.43	29.82	28.74	41 19	101	22	212	153	163	202
Mean,	43	56	52	95	-12	29.447	29.457	28.446	30.12	28.59	353 32	988	321	2007	1645	1595	2127

2. TABLE FOR 1843–4.

1843-4.	Thermometer Mean.					Barometer Mean.					Melted Snow and Rain.	Time of do.		Winds.		Atmosphere.	
Months.	6 A. M.	12 M.	6 P. M.	Highest.	Lowest.	6 A. M.	12 M.	6 P. M.	Highest.	Lowest.	Inches. Hundredths.	No. rainy days.	No. snowy days.	Days North'rdly.	Days South'rdly.	Clear days.	Cloudy days.
1843,	42	55	52	95	3	29.40	29.41	29.40	29.95	28.55	41 04	104	50	217	148	138	227
January, 1844	24	31	29	56	4	29.34	29.34	29.33	29.68	28.65	1 91	7	12	19	12	10	21
February,	27	38	35	56	6	29.42	29.42	29.42	29.71	29.00	.. 90	5	8	21	8	11	18
March,	35	45	43	64	19	29.40	29.41	29.40	29.81	28.98	3 38	16	9	21	10	12	19
April,	50	71	65	86	34	29.50	29.52	29.51	29.63	29.26	1 40	9	..	17	13	18	12
May,	56	70	66	84	36	29.42	29.45	29.41	29.72	28.95	4 52	15	..	12	19	9	22
June,	61	75	71	88	46	29.45	29.47	29.45	29.73	29.28	4 35	14	..	19	11	13	17
July,	68	82	77	92	56	29.42	29.44	29.43	29 68	29.20	5 15	11	..	19	12	16	15
August,	62	78	72	90	52	29.39	29.42	29.40	29.60	29.10	4 70	15	..	13	18	12	19
September,	55	72	67	85	34	29.51	29.53	29.53	29.72	29.05	2 65	7	2	26	4	18	12
October,	41	54	51	68	27	29.43	29.45	29.43	29.80	28.83	4 21	10	1	20	11	7	24
November,	35	45	43	65	20	29.40	29.40	29.40	29.70	29.04	2 70	6	1	17	13	12	18
December,	27	31	30	48	12	29.45	29.45	29.45	29.62	29.20	2 80	7	4	18	13	12	19
Year,	45	58	54	92	4	29.43	29.44	29.43	29.81	28.65	38 67	122	37	222	144	150	216

XII. METEOROLOGICAL TABLE FOR BLOOMINGTON, Ia.

For the Year 1844; *by Mr. T. S. Parvin.*

1844.	Thermometer.				Barometer.				Weather.					Winds.					
Months.	Mean temperature.	Maximum.	Minimum.	Range.	Mean height.	Maximum.	Minimum.	Range.	Clear.	Cloudy.	Variable.	Rain.	Snow.	Northeast.	Southeast.	Northwest.	Southwest.	Lt. Wind.	Hy. Wind.
January,	22.1	41	-6	47	29.21	29.70	28.50	1.20	11	16	4	7	5	7	5	13	6	25	6
February,	30.3	56	6	56	.36	.70	.80	.90	15	12	2	3	1	2	3	11	13	20	9
March,	38.3	66	6	60	.28	.80	.80	1.00	12	9	10	9	3	5	5	14	7	21	10
April,	60.5	82	30	52	.33	.60	.80	.80	13	8	9	9		1	11	7	11	22	8
May,	55.8	85	36	49	.24	.60	.80	.80	13	12	6	10		3	8	16	4	24	7
June,	65.8	90	48	42	.50	.50	29.00	.50	6	14	10	16		5	9	12	4	28	2
July,	74.4	94	56	38	.29	.40	.10	.30	18	4	9	9		2	8	16	5	31	
August,	69.8	92	46	40	.29	.60	.10	.50	15	6	10	7		4	7	14	6	29	2
September,	61.4	93	33	60	.42	.70	.10	.60	11	11	8	6		4	9	14	3	28	2
October,	46.7	74	16	58	.37	.60	.00	.60	19	8	4	5	1	6	7	11	7	21	10
November,	36.0	63	7	56	.28	.60	.00	.60	8	17	5	5	2	3	4	15	8	29	1
December,	25.2	50	-6	50	.21	.70	28.70	1.00	9	13	9	2	2	3	3	21	4	31	
Year,	48.8	94	-6	100	29.31	29.80	28.50	1.30	150	130	86	88	14	45	79	164	78	309	57

The warmest days in the year, were July 30th and August 19th; 82° above 0. The coldest day was December 16th; 2° above 0.

The highest temperature, was July 5th; 94° above 0.

The lowest temperature, was December 9th; 6° below 0.

Mean temperature for the year, 48° 86′. Range of temperature, 100°.

Miscellanies.	1840	1841	1842	1843	1844
River opened,	Feb. 29.	March 1.	Feb. 28.	April 8.	Feb. 23.
Clear of ice,	March 1.	March 13.	March 3.	April 16.	Feb. 27.
1st steamboat arr.,	March 3.	March 15.	March 5.	April 12.	Feb. 29.
Running ice,	Nov. 22.	Nov. 27.	Nov. 18.	Nov. 30.	Nov. 24.
River closed,	Dec. 31.	Jan. 3 ['42.]	Nov. 26.	Jan. 23 ['44]	Dec. 27.
No. of days clos'd,	45.	60	56	133	31

XIII. FLOWERING OF FRUIT TREES IN 1845.

Place.	Peach.	Cherry.	Apple.
Cambridge, Mass.,	May 3,	May 3.	May 8.
New Haven, Conn.,	April 24.	April 29.	May 6.
Perth Amboy, N. J.,	April 14.	April 18.	April 26.
Trenton, N. J.,	April 14.	April 14.	April 24.
Lambertville, N. J.,	April 3.	April 11.	April 19.
Philadelphia, Penn.,	April 1.	April 7.	April 12.
Baltimore, Md.,	March 30.	April 4.	April 10.
King Geo. Co., Va.,*	Mar. 15–19.	Mar. 28–31.	April 1–5.
Madison, Wisc. Ter.,	April 30.	May 1.	May 6.

* Nearly all the fruit trees were destroyed by a severe frost on the 19th of April, when the thermometer fell to 28°, and ice formed one fourth of an inch thick.

XIV. ESPY'S CONCLUSIONS IN METEOROLOGY.

Mr. Espy's first report on meteorology, made to Congress at its last session, contains quite a copious collection of facts to illustrate the natural history of storms in the United States. The following are the conconclusions, or "generalizations," which he has formed from them. As it is desirable to draw the attention of meteorologists to the subject, in order that these conclusions may be verified or disproved by a series of observations in all parts of the country, we lay them before our readers:

"1st. The rain and snow storms, and even the moderate rains and snows, travel from the west towards the east in the United States, during the months of January, February, and March, which are the only months yet investigated.

"2d. The storms are accompanied with a depression of the barometer near the central line of the storm.

"3d. This central line of minimum pressure is generally of great length from north to south, and moves, side-foremost, towards the east.

"4th. This line is sometimes nearly straight, but generally curved, and most frequently with its convex side towards the east.

"5th. The velocity of this line is such, that it travels from the Mississippi to the Connecticut River in about twenty four hours, and from the Connecticut to St. John, Newfoundland, in nearly the same time, or about thirty-six miles an hour.

"6th. When the barometer falls suddenly in the western part of New England, it rises at the same time in the valley of the Mississippi, and also at St. John, Newfoundland.

"7th. In great storms, the wind, for several hundred miles on both sides of the line of minimum pressure, blows towards that line directly or obliquely.

"8th. The force of the wind is in proportion to the suddenness and greatness of the barometric depression.

"9th. In all great and sudden depressions of the barometer, there is much rain or snow; and in all sudden great rains or snows, there is a great fluctuation of the barometer.

"10th. Many storms are of great and unknown length from the north to the south, reaching beyond our observers on the Gulf of Mexico, and on the northern lakes, while their east and west diameter is comparatively small. The storms, therefore, move side-foremost.

11th. Most storms commence in the 'Far West,' beyond our most western observers, but some commence in the United States.

"12th. When a storm commences in the United States, the line of minimum pressure does not come from the 'Far West,' but commences with the storm, and travels with it towards the east.

"13th. There is generally a lull of wind at the line of minimum pressure, and sometimes a calm.

"14th. When the wind changes to the west, the barometer generally begins to rise.

"15th. There is generally but little wind near the line of maximum pressure, and on each side of that line the winds are irregular, but tend outwards from that line.

"16th. The fluctuations of the barometer are generally greater in the northern than in the southern parts of the United States.

"17th. The fluctuations of the barometer are generally greater in the eastern than in the western parts of the United States.

"18th. In the northern parts of the United States, the wind, in great storms, generally sets in from the north of east, and terminates from the north of west.

"19th. In the southern parts of the United States, the wind generally sets in from the south of east, and terminates from the south of west.

"20th. During the passage of storms, the wind generally changes from the eastward to the westward by the south, especially in the southern parts of the United States.

XV. THE INFLUENCE OF AGRICULTURE ON CLIMATE IN LESSENING STREAMS, ETC.

[From the "Rural Economy" of J. B. Boussingault.]

A question of great importance, and that is frequently agitated at this time, is, as to whether the agricultural labors of man are influential in modifying the climate of a country or not? Do extensive clearings of woods, the draining and drying up of great swamps, which certainly influence the distribution of heat during the different seasons of the year, also exert an influence on the quantity of running water of a country, whether by lessening the quantity of rain which falls, or by promoting the more speedy evaporation of that which has fallen?

In some districts it has been held, that the streams which had been used as moving powers, have very sensibly diminished. In other places, the rivers are said to have shrunk visibly; and in others, springs that were formerly abundant, have almost dried up. Observations to this effect appear to have been principally made in valleys, surmounted by mountains; and it is generally asserted, that the falling off in the springs and streams had followed close upon the period at which the woods, scattered over the surface of the country, were cleared away without any kind of reserve.

The lakes which are met with in plains, and at different levels in mountain ranges, seem to me peculiarly calculated to throw light on this subject. Lakes may, in fact, be received as natural gauges of the run-

ning waters of a country. If the mass of the water contained in the lakes undergo change in one direction or another, it is obvious that this change, and the direction in which it has occurred, will be proclaimed by the state or mean level of the lake or lakes, which will differ for the same reason that it does at different seasons of the year, viz. as drought or rain prevails. The mean level of the lake or lakes of a district will, therefore, fall, if the quantity of water which flows through that district diminishes; the level, on the contrary, will rise, if its streams increase; and it will remain stationary if the afflux and efflux of the lake continue unchanged. In the following remarks, I shall attach myself particularly to observations upon lakes which have no outlet, by reason of the facility with which any, even slight, change in the level of these must be discovered. I shall not, however, neglect those lakes which have an exit by a stream or canal, because I believe that the study of these may also lead to accurate enough results; the only point requiring preliminary remark is the sense in which the words, change of level, are to be taken.

One of the most interesting portions of Venezuela is, undoubtedly, the valley d'Aragua. Situated at a short distance from the seaboard, possessed of a warm climate, and of a soil fertile beyond example, it combines within itself all the varieties of agriculture that belong in peculiar to tropical regions; on the hillocks, which rise in the bottom of the valley, are seen fields which bring to mind the agriculture of Europe. Wheat succeeds pretty well upon the heights which surround La Vittoria. Bounded on the north by a chain of hills, which run parallel with the sea-board, and to the south by the range which separates it from Llanos, the Aragua Valley is limited on the east and west by a series of lesser elevations, which shut it in completely. In consequence of this peculiar configuration of country, the rivers which rise in its interior have no outlet to the ocean; their waters accumulate in the lowest part of the valley, and form the beautiful lake Valentia. This lake, which M. de Humboldt says exceeds the lake Neufchâtel in size, is raised about 1300 feet above the level of the sea; it is about ten leagues in length, and about two leagues and a half where it is widest.

At the time when M. de Humboldt visited the Aragua Valley, the inhabitants were struck with the gradual diminution which had been going on in the waters of the lake during the last thirty years. It was enough to compare the statements of older writers with its condition at this time, to obtain conviction that the waters had, in fact, very much diminished. Oviedo, for instance, who visited the valley frequently towards the end of the sixteenth century, says, that the town of New Valencia was founded in 1555, at a distance of half a league from the lake; in 1800, M. de Humboldt ascertained that the lake was upwards of 4549 yards, or upwards of 3¼ miles, instead of about 1¼ mile from its banks.

The appearance of the surface also gives new proof of the fact of the

recession of the water; certain hillocks which rise in the plain still preserve the title of islands, which, undoubtedly, they formerly received with propriety, when they were surrounded by water. The land which had been left by the retreat of the lake, soon became transformed into beautiful plantations of cotton-trees, bananas, and sugar-canes. Buildings, which had been erected on the banks, were left, year after year, further and further from them. In 1796, new islets made their appearance. An important military position, a fortress built in 1740, in the Isle de la Cabrera, was then upon a peninsula. Finally, in two islets of granite, M. de Humboldt discovered, several yards above the level of the lake, a bed of fine sand mixed with fresh water shells. These facts, so certain, so unquestionable, did not pass without numerous explanations from the wise men of the country, who, as if by common consent, fixed upon a subterranean exit for the waters of the lake. M. de Humboldt, after the most careful examination of all the circumstances, did not hesitate to ascribe the diminution of the waters of the lake Valencia, to the extensive clearings which had been effected in the course of half a century in the Aragua Valley. "*In felling the trees which covered the crowns and slopes of the mountains*," says this celebrated traveller, "*men in all climates seem to be bringing upon future generations two calamities at once—a want of fuel and a scarcity of water.*"*

In the year 1800, the population of this favored valley, where the cultivation of indigo, of cotton, of cocoa, and the cane, had made immense progress, was as dense as it was in the most thickly populated districts of England or France, and every one was delighted with the appearance of comfort that prevailed in the numerous villages of this industrious country.

Twenty-five years after M. de Humboldt, I explored in my turn the valley d'Aragua, having fixed my residence in the little town of Maracaibo. The inhabitants had now remarked, that for several years, not only had the lake ceased to diminish, but that it had even risen very perceptibly. Some fields that were formerly covered with cotton plantations were now submerged. The Isles de las Nuevas Aparacidas, which had risen from the waters in 1796, had again become shoals dangerous to navigation; the tongue of earth de la Cabrera, on the north side of the valley, had become so narrow that the slightest rise in the water of the lake covered it completely; a continuous N. E. wind was sufficient to flood the road which led from Maracaibo to New Valencia; in short, the fears which the inhabitants of the lake had entertained for so long a period had entirely changed their nature; they were now no longer afraid of the lake drying up; they saw with dismay that, if the water continued to rise as it had done lately, it would, in no long space of time, have

* Humboldt, vol. v. p. 173.

drowned some of the most valuable estates, &c. Those who had explained the diminution of the lake by supposing subterraneous canals, now hastened to close them up in order to find a cause for the rise in the level of the water.

In the course of the last twenty-two years important political events had transpired. Venezuela no longer belonged to Spain; the peaceful valley d'Aragua had been the theatre of many a bloody contest; war to the knife had desolated this beautiful country and decimated its inhabitants. On the first cry of independence raised, a great number of slaves found freedom by enlisting under the banners of the new republic; agricultural operations of any extent were abandoned, and the forest, which makes such rapid progress in the tropics, had soon regained possession of the surface which man had won from it by something like a century of sustained and painful toil. With the increasing prosperity of the valley, many of the principal tributaries to the lake had been turned aside to serve as means of irrigation, so that the beds of some of the rivers were absolutely dry for more than six months in the year. At the period which I now refer to, the water was no longer used in this way, and the beds of the rivers were full. Thus with the growth of agricultural industry in the Valley d'Aragua, when the extent of cleared surface was continually on the increase, and when great farming establishments were multiplied, the level of the water sunk; but by and by, during a period of disasters, happily passing in their nature, the process of clearing is arrested, the lands formerly won from the forest are in part restored to it, and then the waters first cease to fall in their level, and by and by show an unequivocal disposition to rise.

I shall now, without however quitting America, carry my readers into a district where the climate is analogous to that of Europe, where the surface is occupied by immense fields, covered with the cereals, as with us. I speak of the table lands of New Granada, of those valleys raised from 10,000 to 13,000 and 14,000 feet above the level of the sea, in which the mean temperature throughout the year ranges from 58° to about 62° Fahr. Lakes are frequent in the Cordilleras; and it would be easy for me to describe a great number; I shall, however, confine myself to those which became subjects of observation in former times.

The village of Ubaté is now situated in the neighborhood of two lakes. Some seventy years ago these two lakes formed but one; the old inhabitants saw the water shrinking and new fields presenting themselves year after year. At this present time fields of wheat of extraordinary luxuriance occupy levels that were completely inundated 30 years ago.

It is enough, indeed, to perambulate the neighborhood of Ubaté, to consult the old sportsmen of the country, and to refer to the annals of the various parishes, to be satisfied that extensive forests have been cut down in the whole of the surrounding country; the clearing, in fact, still con-

tinues; and it is certain that the recession of waters, although much slower than it was in former times, has not yet entirely ceased.

The study of the lakes which are so common in Asia, would probably supply conclusions similar to those deduced from observations made in South America, viz., that the waters which irrigate a country diminish as the forests are cleared away, and as agriculture extends. The recent labors of M. de Humboldt, which have thrown so much new light upon this quarter of the world, appear to leave no doubt upon the subject. After having shown that the system of the Altai is about to lose itself by a succession of slopes in the steppes of Kirgiz, and that, consequently, the Ural chain is not connected with that of the Altai, as was generally believed, this celebrated geographer shows, that precisely in the situation where the Alghinic mountains are usually set down, a remarkable region of lakes commences, which extend into the plains that are traversed by the Ichim, the Omsk, and the Obi.* It would appear that these numerous lakes are remainders, as it were, of an immense sheet of water, which formerly covered the whole of the country, and which had become divided into so many particular lakes by the configuration of the surface. In crossing the steppe of Baraba, in his way from Tobolsk to Baraoul, M. de Humboldt perceived everywhere that the drying up of waters increases rapidly under the influence of the cultivation of the soil.

Europe also possesses its lakes; and we have still to examine them from the particular point of view which engages us. M. de Saussure, in his first inquiries in regard to the temperature of the lakes of Switzerland, examined those which are situated at the foot of the first line of the Jura. The lake of Neufchâtel is eight leagues in length, and its greatest breadth does not exceed two leagues. On visiting it, Saussure was struck with the extent which this lake must formerly have possessed; for, as he says, the extensive level and marshy meadows which terminate it on the south-west, had unquestionably been covered with water at a former period.

The lake of Bienne is three leagues long and one broad; it is separated from the lake of Neufchâtel by a succession of plains that were probably inundated.

Lake Morat is also separated from the lake of Neufchâtel by low and level marshes, which beyond all question were formerly submerged. Unquestionably, adds Saussure, the three great lakes of Neufchâtel, Bienne, and Morat, were formerly connected, and formed one great sheet of water.†

In Switzerland, as in America and Asia, the old lakes, those that may be spoken of under the title of the primitive lakes, and which occupied

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* Humboldt, Fragmens Asiatiques, t. i. p. 40–50.

† Saussure, Voyage dans les Alpes, t. ii. chap. 6.

the bottoms of the valleys when the country was uncultivated and wild, have become divided, and now form a variable number of smaller and independent lakes. I shall wind up the present subject by referring to the observations of Saussure upon the Lake of Geneva, which may be looked upon as the starting point of the admirable works of this distinguished philosopher.

Saussure admits, that at an epoch long anterior to the times of history, the mountains which surround this lake were themselves submerged; a great catastrophe let off this immense collection of water, and by and by the current possessed no more than the bottom of the valley; the Lake of Geneva was formed.

In merely considering the monuments left by man, it is impossible to doubt that within 1200 or 1300 years the waters of the Lake of Geneva have gradually fallen in their level. It is evidently upon the levels which have thus been left that the quarter de Rive, and the lower streets of the city of Geneva have been built. This depression of the surface, continues Saussure, is not merely the effect of any deepening of the bed of the Rhone, by which the lake is discharged; it has also been produced by a diminution in the quantity of water which flows into it.

The conclusions which it seems legitimate to draw from the observations of Saussure are, that in the course of from 1200 to 1300 years the quantity of running water has sensibly diminished in the districts around the lake of Geneva. No one will, I apprehend, deny that in this long period there have not been extensive clearings of forest lands in Switzerland, and a continual increase in the extent of cultivated land in this beautiful country. Here, consequently, as elsewhere, an attentive examination of the levels of the lakes leads us to conclude, that where extensive clearings from forest have been effected, where agriculture has extended, that there has in all probability been diminution of the running waters which irrigate the surface; while in those districts where no change has been effected, the amount of running stream does not appear to have undergone any variation.

The effect of forests considered in this point of view would therefore be to keep up the amount of the waters which are destined for mills and canals; and next to prevent the rain water from collecting and flowing away with too great rapidity. That a soil covered with trees is further less favorable to evaporation than ground that has been cleared, is a truth that all will probably admit without discussion. To be aware that it is so, it is enough to have travelled, a short time after the rainy season, upon a road which traverses in succession a country that is free from forests, and one that is thickly wooded. Those parts of the road that pass through the unencumbered country are found hard and dry, while those that traverse the wooded districts are wet, muddy, and often scarcely passable. In South America, more perhaps than anywhere else, does

the obstacle to evaporation from a soil thickly shaded with forests, strike the traveller. In the forests the humidity is constant, it exists long after the rainy season has passed; and the roads that are opened through them remain through the whole year deeply covered with mire: the only means known of keeping forest-ways dry, is to give them a width of from 260 to 330 feet, that is to say, to clear the country in their course.

If once the fact is admitted that running streams are diminished in size by the effect of felling the forests and the extension of agriculture, it imports us to examine whether this diminution proceeds from a less quantity of rain, or from a greater amount of evaporation, or whether perchance it may be owing to the practice of irrigation.

I set out with the principle that it must be next to impossible to specify the precise share which each of these different causes has in the general result. I shall, nevertheless, endeavor to appreciate them in a summary way. The discussion will have gained something if it be proved that there may be diminution of running streams in consequence of clearing off the forests alone, without the whole of the causes being presumed to act simultaneously.

With regard to irrigation, it is necessary to distinguish between that case in which an extensive farm has been substituted for an impenetrable forest, and that in which an arid soil, which never supported wood, has been rendered productive by the industry of man. In the first case, it is very probable that irrigation will have contributed but little to the diminution in the mass of running water; it may readily be imagined that the quantity of water used up by a dense forest, will equal, at all events, if not exceed, that which will be required by any of the vegetables which human industry substitutes for it. In the second case, that is to say, where a great extent of waste country has been brought under cultivation, there will evidently be consumption of water by the vegetation which has been fostered upon the surface; agricultural industry will thus tend to diminish the quantity of water which irrigates a country. It is extremely probable that it is to a circumstance of this kind that we must ascribe the diminution of the lakes which receive so large a proportion of the running streams in the north of Asia. It is almost unnecessary to add, that in circumstances of this kind the effect which is due to the simple evaporation of rain water is not increased; the loss by this means must be rather less, because from a surface covered with plants evaporation takes place more slowly than from one that is devoid of vegetation.

In the considerations which I have presented upon the lakes of Venezuela, of New Granada, and of Switzerland, the diminution may be directly ascribed to a less mean annual quantity of rain; but it may with equal reason be maintained to be a simple consequence of more rapid evaporation.

There are, in fact, a variety of circumstances, under the influence of

which the diminution of running streams can be shown to be connected with more active evaporation. I shall confine myself to the mention of two particular instances, one noticed by M. Desbassyns de Richemond, in the Island of Ascension; the other is from observations by myself, and is among the number of facts which I registered during my residence of several years at the mines of Marmato.

In the island of Ascension there was an excellent spring, situated at the foot of a mountain originally covered with wood; this spring became scanty and dried up after the trees which covered the mountain had been felled. The loss of the spring was rightly ascribed to the cutting down of the timber. The mountain was therefore planted anew, and a few years afterwards the spring reappeared by degrees, and by and by flowed with its former abundance.

The metalliferous mountain of Marmato is situated in the province of Popayan, in the midst of immense forests. The stream along which the mining works are established is formed by the junction of several small rivulets, which take their rise in the table-land of San Jorge. The country which overlooks the establishment is thickly wooded.

In 1826, when I visited the mines for the first time, Marmato consisted of a few miserable cabins, inhabited by negro slaves. In 1830, when I quitted the country, Marmato had the most flourishing appearance; it was covered with workshops, it had a foundry of gold, machinery for grinding and amalgamating the ores, &c., and a free population of nearly three thousand inhabitants. It may be readily imagined, that in the course of these four years an immense quantity of timber had been cut down, not only for the construction of machinery and of houses, but as fuel, and for the manufacture of charcoal. For facility of transport, the felling had principally gone on upon the table-land of San Jorge. But the clearing had scarcely been effected two years before it was perceived that the quantity of water for the supply of the machinery had notably diminished. The volume of water had been measured by the work done by the machinery, and actual gauging at different times showed the progressive diminution of the water. The question assumed a serious aspect, because at Marmato any diminution in the quantity of the water, which is the moving power, would of course be attended with a proportional diminution in the quantity of gold produced. Now, in the Island of Ascension, and at Marmato, it is highly improbable that any merely local and limited clearing away of the forest should have had such an influence upon the constitution of the atmosphere as to cause a variation in the mean annual quantity of rain which falls in the country. More than this, as soon as the diminution of the stream at Marmato was ascertained, a pluviometer, or rain-gauge, was set up, and in the course of the second year of observation a larger quantity of rain was gauged than in the first year, although the clearing had been continued; still there was no appreciable increase in the size of the running stream.

A couple of years of observations are unquestionably insufficient to show any definitive variation of the quantity of rain that falls. But the observations made at Marmato still establish the fact, that the mass of running water had diminished in spite of the larger quantity of rain which fell. It is therefore probable that local clearings of forest land, even of very moderate extent, cause springs and rivulets to shrink, and even to disappear, without the effect being ascribable to any diminution in the amount of rain that falls.

We have still to inquire, whether extensive clearings of the forest — clearings which embrace a whole country — cause any diminution in the quantity of rain that falls. Unfortunately, the observations which we have upon the quantity of rain which falls in particular districts, are only of sufficient antiquity and accuracy in Europe, to be worthy of any confidence, and there the soil was cleared, before observation, in the generality of instances, began.

The United States of America, where the forests are disappearing with such rapidity, will probably one day afford elements for the complete and satisfactory solution of the question, whether or not the cutting down of forests causes any diminution in the quantity of rain which falls in the course of the year.

In studying the phenomena accompanying the fall of rain in the tropics, I have come to a conclusion which I have already made known to many observers. My own opinion is, that the felling of forests over a large extent of country has always the effect of lessening the mean annual quantity of rain.

It has long been said, that in equinoctial countries the rainy season returns each year with astonishing regularity. There can be no doubt of the general accuracy of this observation, but the meteorological fact must not be announced as universal and admitting of no exception; the regular alternation of the dry and rainy season is as perfect as possible in countries which present an extreme variety of territory. Thus, in a country whose surface is covered with forests, and rivers, and lakes, with mountains, and plains, and table lands, the periodical seasons are quite distinct. But it is by no means so where the surface is more uniform in its character. The return of the rainy season will be much less regular if the soil be in general dry and naked; or if extensive agricultural operations take the place of the primeval forest; if rivers are less common, and lakes less frequent. The rains will then be less abundant; and such countries will be exposed, from time to time, to droughts of long continuance. If on the contrary, thick forests cover almost the whole of the territory, if its rivulets and rivers be numerous, and agriculture be limited in extent, irregularity in the seasons will then take place, but in a different way; the rains will prevail, and in some seasons they will become as it were incessant.

The continent of America presents us, on the largest scale, with two regions, placed in the same conditions as to temperature, but in which we successively encounter the circumstances which are most favorable to the formation and fall of rain in one case, and to its absence in the other.

Setting out from Panama, and proceeding towards the south, we encounter the bay of Cupica, the provinces of San Bonaventura, Choco, and Esmeraldas; in this country, covered with thick forests, and intersected with a multitude of streams, the rains are almost incessant; in the interior of Choco, scarcely a day passes without rain. Beyond Tumbez, towards Payta, an order of things entirely different commences: the forests have entirely disappeared, the soil is sandy, agriculture scarcely exists, and here rain is almost unknown. When I was at Payta, the inhabitants informed me that it had not rained for seventeen years! The same want of rain is common in the whole of the country which surrounds the desert of Sechura, and extends to Lima; in these countries, rain is as rare as trees are.

In Choco, where the soil is thickly covered with trees, it rains almost continually; and on the coasts of Peru, where the soil is sandy, without trees, and devoid of verdure, it never rains; and this, as I have said, under a climate which enjoys the same temperature, and whose general features and distance from the mountains are nearly the same. Piura is not more remote from the Andes of Assuay than are the moist plains of Choco from the Western Cordillera.

The facts which have now been laid before the reader seem to authorize me to infer —

1st. That extensive destruction of forests lessens the quantity of running water in a country.

2d. That it is impossible to say precisely whether this diminution is due to a less mean annual quantity of rain, or to more active evaporation, or to these two effects combined.

3d. That the quantity of running water does not appear to have suffered any diminution or change in countries which have known nothing of agricultural improvement.

4th. That independently of preserving running streams, by opposing an obstacle to evaporation, forests economize and regulate their flow.

5th. That agriculture established in a dry country, not covered with forests, dissipates an additional portion of its running water.

6th. That clearings of forest land of limited extent may cause the disappearance of particular springs, without our being therefore authorized to conclude that the mean annual quantity of rain has been diminished.

7th, and lastly. That in assuming the meteorological data collected in intertropical countries, it may be presumed that clearing off the forests does actually diminish the mean annual quantity of rain which falls.

THE

AMERICAN ALMANAC,

FOR

1846.

PART II.

GENERAL LIBRARY University of MICHIGAN

UNITED STATES.

I. ELECTION OF PRESIDENT AND VICE-PRESIDENT,

For the 15th Presidential Term, commencing March 4, 1845.

States.	Popular Vote.			Electoral Vote.				
					President.		Vice Pres.	
	Polk.	Clay.	Birney.	No. of Electors.	Polk.	Clay.	Dallas.	Frelinghuysen.
N. E. States.								
Maine,	45,719	34,378	4,836	9	9		9	
N. Hampshire,	27,160	17,866	4,161	6	6		6	
Vermont,	18,041	26,770	3,964	6		6		6
Massachusetts,	52,965	66,872	10,860	12		12		12
Rhode Island,	4,848	7,323	5	4		4		4
Connecticut,	29,841	32,842	1,943	6		6		6
Middle States.								
New York,	237,588	232,473	15,812	36	36		36	
New Jersey,	37,495	38,318	131	7		7		7
Pennsylvania,	167,535	161,203	3,133	26	26		26	
Delaware,	5,969	6,257		3		3		3
Southern States.								
Maryland,	33,676	35,964		8		8		8
Virginia,	49,417	43,677		17	17		17	
N. Carolina,	39,287	43,232		11		11		11
S. Carolina,	By Legislature.			9	9		9	
Georgia,	44,155	42,106		10	10		10	
Alabama,	36,223	24,660		9	9		9	
Mississippi,	25,188	19,193		6	6		6	
Louisiana,	13,477	12,818		6	6		6	
Western States.								
Tennessee,	59,915	60,039		13		13		13
Kentucky,	51,960	61,962		12		12		12
Ohio,	149,061	155,113	8,050	23		23		23
Michigan,	27,703	24,233	3,632	5	5		5	
Indiana,	70,181	67,867	2,106	12	12		12	
Illinois,	58,515	45,612	3,570	9	9		9	
Missouri,	41,369	31,251		7	7		7	
Arkansas,	9,546	5,504		3	3		3	
Aggregate,	1,335,834	1,297,033	64,653	275	170	105	170	105

Popular Vote in 1828, 1832, 1836, and 1840.

States.	1828.		1832.		1836.		1840.	
	Jackson.	Adams.	Jackson.	Clay.	Van Buren.	Others.	Harrison.	Van Buren.
Maine,	13,927	20,773	33,291	27,204	22,300	15,239	46,612	46,201
New Hampshire,	20,692	24,076	25,486	19,010	18,722	6,228	26,434	32,670
Vermont,	8,205	24,784	7,870	11,152	14,037	20,991	32,445	18,009
Massachusetts,	6,919	29,836	14,545	33,003	33,501	41,093	72,874	51,948
Rhode Island,	821	2,754	2,126	2,810	2,964	2,710	5,278	3,301
Connecticut,	4,448	13,829	11,269	17,755	19,234	18,466	31,601	25,296
New York,	140,763	135,413	168,497	154,896	166,815	138,543	225,812	212,519
New Jersey,	21,950	23,758	23,856	23,393	26,347	26,892	33,262	31,034
Pennsylvania,	101,652	50,848	90,983	66,716	91,475	87,111	144,019	143,676
Delaware,	4,349	4,769	4,110	4,276	4,156	4,733	5,967	4,584
Maryland,	24,578	25,759	19,156	19,160	22,167	25,852	33,528	28,752
Virginia,	26,752	12,101	33,609	11,451	30,261	23,368	42,501	43,893
North Carolina,	37,857	13,918	24,862	4,563	26,910	23,626	46,676	34,218
South Carolina,*								
Georgia,	18,709	none.	20,750	none.	22,126	24,930	40,264	31,933
Alabama,	17,138	1,938	No opp. to	Jackson.	19,068	15,637	28,471	33,991
Mississippi,	6,763	1,581	5,919	none.	9,979	9,658	19,518	16,995
Louisiana,	4,605	4,077	4,049	2,528	3,653	3,383	11,297	7,617
Tennessee,	44,090	2,240	28,740	1,436	26,120	35,962	60,391	46,269
Kentucky,	39,084	31,172	36,247	43,396	33,435	36,955	58,489	32,616
Ohio,	67,597	63,396	81,246	76,539	96,948	105,405	148,157	124,782
Michigan,					7,360	4,000	22,907	21,096
Indiana,	22,237	17,052	31,552	15,472	32,480	41,281	65,308	51,695
Illinois,	6,763	1,561	14,147	5,429	18,097	14,983	45,537	47,476
Missouri,	9,232	3,422	5,192	maj.	10,995	8,337	22,972	29,760
Arkansas,					2,400	1,238	4,363	6,049
Total,	650,028	512,158	687,502	550,189	762,149	736,736	1,274,783	1,128,702
	512,158		550,189		736,736		1,128,702	
Majority,	137,870		137,313		25,413		146,081	

* No vote by the people.

Total vote in 1844,	2,697,520
" " " 1840,	2,403,485
" " " 1836,	1,498,885
" " " 1832,	1,255,564
" " " 1828,	1,162,178

In 1832, William Wirt received 17,873 votes.

II. EXECUTIVE GOVERNMENT.

The 15th Presidential term of four years, since the establishment of the government of the United States, under the Constitution, began on the 4th of March, 1845; and it will expire on the 3d of March, 1849.

		Salary.
JAMES K. POLK, of Tennessee,	*President*,	$25,000
GEORGE M. DALLAS, of Pennsylvania,	*Vice-President*.	5,000

THE CABINET.

The following are the principal officers in the *executive department* of the government, who form the Cabinet, and who hold their offices at the will of the President.

			Salary.
James Buchanan,	Pennsylvania,	*Secretary of State*,	$6,000
Robert J. Walker,	Mississippi,	*Secretary of the Treasury*,	6,000
William L. Marcy,	New York,	*Secretary of War*,	6,000
George Bancroft,	Massachusetts,	*Secretary of the Navy*,	6,000
Cave Johnson,	Tennessee,	*Postmaster General*,	6,000
John Y. Mason,	Virginia,	*Attorney General*,	4,000

DEPARTMENT OF STATE.

James Buchanan, *Secretary*.

		Salary.
Nicholas P. Trist,	*Chief Clk*,	$2,000
Diplomatic Bureau.		
Edwin W. Hutter,	*Clerk*,	1,600
William Hunter, Jr.	*do.*	1,500
Francis Markoe, Jr.	*do.*	1,400
A. H. Derrick,	*do.*	900
Consular Bureau.		
Robert S. Chew,	*Clerk*,	1,400
Sam. L. Gouverneur,	*do.*	1,400
Home Bureau.		
George Hill,	*Clerk*,	1,400
C. H. Winder,	*do.*	1,400

	Salary.
Lund Washington, *Clerk*,	$1,400
Horatio Jones, *do.*	1,000
W. C. Zantzinger, *do.*	800
Rob. Greenhow, *Translator*,	1,600
Edw. Stubbs, *Disbur. Agent*,	1,450
Patent Office.	
Edmund Burke, *Com. Pat.*	3,000
H. H. Sylvester, *Chief Clerk*,	$1,700
Charles G. Page, } *Exam-*	1,500
W. P. N. Fitzgerald, } *iners.*	1,500
Henry Stone, } *Assist.*	1,250
Thomas G. Clinton, } *Exam.*	1,250
A. L. McIntire, *Draughtsman*,	1,200
Hazard Knowles, *Machinist*,	1,250

Treasury Department.

Robert J. Walker, *Secretary*.

	Salary.
McC. Young, *Chief Clerk*,	$2,000
Comptrollers.	
James W. McCulloh, *1st Comp.*	3,500
James Larned, *Chief Clerk*,	1,700
Albion K. Parris, *2d Comp.*	3,000
Geo. D. Abbot, *Chief Clerk*,	1,700
Auditors.	
Wm. Collins, *1st Auditor*,	3,000
John Underwood, *Chief Clerk*,	1,700
J. M. McCalla, *2d Auditor*,	3,000
G. F. Polk, *Chief Clerk*,	1,700
Peter Hagner, *3d Auditor*,	3,000
Jas. Thompson, *Chief Clerk*,	1,700
Aaron O. Dayton, *4th Auditor*,	3,000
Th. H. Gillis, *Chief Clerk*,	1,700
S. Pleasanton, *5th Auditor*,	3,000
Thomas Mustin, *Chief Clerk*,	1,700
Treasurer's Office.	Salary.
William Selden, *Treasurer*,	$3,000
W. B. Randolph, *Chief Clerk*,	1,700
Register's Office.	
Ransom H. Gillet, *Register*,	3,000
Mich. Nourse, *Chief Clerk*,	1,700
Solicitor's Office.	
Seth Barton, *Solicitor*,	3,500
Land Office.	
James Shields, *Com. Gen.*	3,000
S. H. Laughlin, *Recorder*,	2,000
John M. Moore, *Chief Clerk*,	1,800
Jos. S. Wilson, *Chief Clerk of private Land Claims.*	1,800
John Wilson, *Chief Clerk of Surveys*,	1,800

War Department.

William L. Marcy, *Secretary*.

	Salary.
Daniel Parker, *Chief Clerk*,	$2,000
Bureau of Indian Affairs.	
T. H. Crawford, *Commissioner*,	3,000
S. Humes Porter, *Chief Clerk*,	1,600
Pension Bureau.	Salary.
Jas. L. Edwards, *Commissioner*,	2,500
Geo. W. Crump, *Chief Clerk*,	1,600

	Salary.
Quartermaster's Bureau.	
T. S. Jesup, *Br. Maj. Gen. & Q. M. Gen.*	
A. R. Hetzel, *Capt. & Assist. Q. M.*	
Wm. A. Gordon, *Prin. Clerk*,	$1,600
Subsistence Bureau.	
G. Gibson, *Brev. Brig. Gen. & Com. General of Subsistence.*	
John C. Casey, *Capt. & Assist. Com.*	
Richard Gott, *Chief Clerk*,	$1,600
Pay Bureau.	
N. Towson, *Brev. Br. Gen. & Paymaster General.*	
Nathaniel Frye, *Chief Clerk*,	1,700
Medical & Surgical Bureau.	
Thomas Lawson, *Surg. Gen.*	2,500
H. L. Heiskell, *Surgeon.*	
R. Johnson, *Chief Clerk.*	1,150
Engineer Bureau.	
J. G. Totten, *Col. & Chief Engineer.*	
G. L. Welcker, *Lieut. & Assist. Eng.*	
F. N. Barbarin, *Chief Clerk*,	1,200
Topographical Bureau.	
John J. Abert, *Col. & Chief Top. Eng.*	
W. H. Swift, *Assistant Top. Eng.*	
Geo. Thompson, *Chief Clerk*,	1,400
Ordnance Bureau.	
Geo. Talcott, *Lt. Col. in charge of Bur.*	
W. Maynadier, *Capt. & Assist.*	
Geo. Bender, *Chief Clerk*,	1,200

NAVY DEPARTMENT.

George Bancroft, *Secretary.*

John Appleton, *Chief Clerk*, salary $2,000.

	Salary.
Lewis Warrington, *Chief of the Bureau of Docks and Navy Yards*,	$3,500
William M. Crane, *do.* *do.* *Ordnance and Hydrography*,	3,500
Charles Morris, *do.* *do.* *Construct. Repairs & Equip.*	3,000
Wm. B. Shubrick, *do.* *do.* *Provisions and Clothing*,	3,000
Thomas Harris, *do.* *do.* *Medicines & Surg. Instrum.*	2,500
Alex. D. Bache, *Chief of the Coast Survey*,	6,000

POST OFFICE DEPARTMENT.

Cave Johnson, *Postmaster General.*

	Salary.
Selah R. Hobbie, 1*st Assistant Postmaster Gen., Contract Office*,	$2,500
William Medill, 2*d* *do.* *do.* *do. Appointment Office*,	2,500
N. M. Miller, 3*d* *do.* *do.* *do. Inspection Office*,	2,500
John Marron, *Chief Clerk, Post Office Department*,	2,000
Peter G. Washington, *Auditor of the Treasury for the Post Office*,	3,000
William J. Brown, *Chief Clerk of the Auditor*,	2,000

Collectors of Customs in the principal Ports.

[*Corrected in the Treasury Department, July 15th*, 1845.]

Ports.	Collectors.	Ports.	Collectors.
Eastport, Me.	Bion Bradbury.	L. Egg Harb. N.J.	Sam. S. Downs.
Machias, Me.	Wm. Brown.	Philadelphia, Pa.	Henry Horn.
Castine, Me.	R. H. Bridgham.	Presque Isle, Pa.	Murray Whallon.
Belfast, Me.	Nat. M. Lowney.	Wilmington, Del.	Henry Hicks.
Waldoboro', Me.	P. McCobb, Jr.	Baltimore, Md.	Wm. H. Marriott,
Wiscasset, Me.	James Taylor.	Annapolis, Md.	Richard Sands.
Bath, Me.	Amos Nourse.	Vienna, Md.	B. H. Crockett.
Portland, Me.	John Anderson.	Georgetown, D.C.	Robert White.
Portsmouth, N.H.	Aug. Jenkins.	Alexandria, D. C.	Edward Green.
Newburyport, Ms.	Wm. Nichols.	Tappahann'k, Va.	John A. Parker.
Gloucester, Ms.	Eli F. Stacy.	Petersburgh, Va.	J. T. Rosser.
Salem, Mass.	James Miller.	Richmond, Va.	Thomas Nelson.
Marblehead, Ms.	Peter Dixey.	Norfolk, Va.	Conway Whittle.
Boston, Mass.	Marcus Morton.	Ocracoke, N. C.	Thos. J. Pastaer.
Fall River, Mass.	Phin. W. Leland.	Wilmington, N.C.	Murphy V. Jones.
Barnstable, Mass.	Josiah Hinckley.	Camden, N. C.	W. D. Pritchard.
N. Bedford, Mass.	Jos. T. Adams.	Plymouth, N. C.	Joseph Ramsay.
Edgartown, Ms.	Jos. T. Pease.	Washington, N.C.	Jas. K. Hutton.
Nantucket, Mass.	W. R. Easton.	Newbern, N. C.	T. S. Singleton.
Providence, R. I.	H. Willard.	Beaufort, N. C.	J. E. Gibble.
Bristol, R. I.	Wm. J. Miller.	Charleston, S. C.	Wm. J. Grayson.
Newport, R. I.	Edwin Wilbur.	Georgetown, S.C.	Thos. L. Shaw.
Alburgh, Vt.	A. W. Hyde.	Savannah, Geo.	Wm. B. Bullock.
New London, Ct.	C. F. Lester.	St. Mary's, Geo.	Archibald Clark.
New Haven, Ct.	Norris Wilcox.	Mobile, Ala.	Collier H. Minge.
Middletown, Ct.	Philip Sage.	N. Orleans, Lou.	Thos. Barrett.
Fairfield, Ct.	Step. Lownsbery.	Teche, Lou.	George Royster.
Plattsburgh, N.Y.	Wm. F. Haile.	Cuyahoga, Ohio,	Smith Inglehart.
Ogdensb'gh, N.Y.	David C. Judson.	Miami, Ohio,	J. H. Forsyth.
Sackett's Hr. N.Y.	Otis N. Cole.	Sandusky, Ohio,	Elias H. Haines.
Genesee, N. Y.	L. B. Langworthy.	Detroit, Mich.	C. G. Hammond.
Oswego, N. Y.	G. H. McWhorter.	Michil'ck, Mich.	S. K. Harring.
Niagara, N. Y.	R. H. Boughton.	Pensacola, Flor.	Robert Mitchell.
Buffalo, N. Y.	H. W. Rogers.	St. Johns, Flor.	James Dell.
Sag Harbor, N. Y.	A. Huntington.	Apalachicola, Fl.	Sam. W. Spencer.
New York, N. Y.	C. W. Lawrence.	St. Augustine, Fl.	George Center.
Perth Amboy, N.J.	Jas. A. Nichols.	Port Leon, Flor.	Wm. H. Ware.
G. Egg Harb. N.J.	Robert B. Risley.	Key West, Flor.	A. Gordon.

Postmasters in the Chief Cities and Towns.

[*Corrected in the Post Office Department, July* 15, 1845.]

Cities.	*Postmasters.*
Augusta, Me.	A. R. Nichols.
Bangor, Me.	C. K. Miller.
Bath, Me.	Thomas Eaton.
Brunswick, Me.	T. S. McLellan.
Calais, Me.	J. C. Washburn.
Hallowell, Me.	Ichabod Nutter.
Portland, Me.	N. L. Woodbury.
Robbinstown, Me.	Jas. W. Balkam.
Saco, Me.	Th. W. Shannon.
Concord, N. H.	Jos. Robinson.
Dover, N. H.	Thos. Stackpole.
Hanover, N. H.	Jona. Freeman.
Keene, N. H.	Wm. L. Foster.
Nashua, N. H.	
Portsmouth, N.H.	Neh. Moses.
Brattleboro', Vt.	F. N. Palmer.
Burlington, Vt.	William Noble.
Middlebury, Vt.	Edw. D. Barber.
Montpelier, Vt.	Geo. W. Read.
Andover, Mass.	Samuel Phillips.
Boston, Mass.	Nath'l. Greene.
Charlestown, Ms.	Wm. Sawyer.
Lowell, Mass.	Stephen S. Levy.
Lynn, Mass.	Benj. Mudge.
Nantucket, Mass.	Geo. F. Worth.
N. Bedford, Mass.	Edw. W. Green.
Newburyport, Ms.	Benj. W. Hale.
Northampton, Ms.	Thos. Shepherd.
Salem, Mass.	Benj. F. Browne.
Springfield, Mass.	Harvey Chapin.
Taunton, Mass.	Ch. R. Vickery.
Worcester, Mass.	M. L. Fisher.
Newport, R. I.	Jos. Joslen.
Pawtucket, R. I.	F. A. Sumner.
Providence, R. I.	W. B. Sayles.
Bridgeport, Conn.	Isaac Sherman.
Hartford, Conn.	Joseph Pratt.
Middletown, Ct.	Allen May.
New Haven, Ct.	Ed. A. Mitchell.
New London, Ct.	Stanly G. Trott.
Norwich, Conn.	W. L'Hommedieu.
Albany, N. Y.	Jas. D. Wasson.
Auburn, N. Y.	Amos S. Rathbun.
Batavia, N. Y.	F. Follett.
Bingh'pton, N. Y.	Tracy Robinson.
Brooklyn, N. Y.	Henry C. Conklin.
Buffalo, N. Y.	P. Dorsheimer.
Canandaigua, N.Y.	Thos. B. Hahn.
Catskill, N. Y.	W. W. Van Loan.
Cooperst'n, N. Y.	Robert Davis.
Elmyra, N. Y.	Levi J. Cooley.
Geneva, N. Y.	Geo. M. Horton.
Hudson, N. Y.	Paul D. Carrique.
Ithaca, N. Y.	J. M. McCormick.
Lockport, N. Y.	H. W. Scovel.
Newburgh, N. Y.	James Belknap.
New York, N. Y.	Robert H. Morris.
Ogdensb'gh, N. Y.	Joseph M. Doty.
Oswego, N. Y.	D. P. Brewster.
Owego, N. Y.	S. D. Leonard.
Po'keepsie, N. Y.	J. VanBenthuysen.
Rochester, N. Y.	Henry Campbell.
Rome, N. Y.	J. Hathaway.
Saratoga Sp. N.Y.	Thos. J. Marvin.
Schenectady, N.Y.	Wm. C. Bouck.
Syracuse, N. Y.	Wm. W. Teall.
Troy, N. Y.	George R. Davis.
Utica, N. Y.	A. G. Dauby.
Westpoint, N. Y.	C. Berard.
Whitehall, N. Y.	Atherton Hall.
Newark, N. J.	Wilson Knott.
N. Brunsw'k, N. J.	John Simpson.
Paterson, N. J.	Wm. D. Quin.
Princeton, N. J.	W. R. Murphy.
Trenton, N. J.	Joseph Justice.
Carlisle, Penn.	Geo. Sanderson.
Chambersb'h, Pa.	D. D. Durborow.
Easton, Penn.	Abraham Coryell.
Erie, Penn.	Robert Cochran.
Harrisburgh, Pa.	James Peacock.

Cities.	*Postmasters.*
Holidaysb'h, Pa.	John Gorley.
Lancaster, Penn.	Mary Dickson.
Philadelphia, Pa.	Geo. F. Lehlman.
Pittsburgh, Pa.	Cham. McKibbin.
Pottsville, Penn.	M. Cochran.
Reading, Penn.	John K. Wright.
Wilkesbarre, Pa.	E. B. Collins.
Wilmington, Del.	Wm. R. Sellars.
Baltimore, Md.	Jas. M. Buchanan.
Cumberland, Md.	William Lynn.
Frederick, Md.	John Rigney.
Hagerstown, Md.	F. Humrichouse.
Alexandria, D. C.	Daniel Bryan.
Georgetown, D.C.	H. W. Tilley.
Washington, D.C.	C. K. Gardner.
Abingdon, Va.	J. K. Gibson.
Charlottesv'e, Va.	T. Wayt.
Fred'burg, Va.	R. T. Thom.
Lynchburg, Va.	Lilburn H. Trigg.
Norfolk, Va.	Alexander Galt.
Petersburg, Va.	Wm. N. Friend.
Richmond, Va.	Thos. B. Bigger.
Wheeling, Va.	J. B. B. Hale.
Winchester, Va.	Henry F. Baker.
Fayetteville, N.C.	John McRae.
Greensboro', N.C.	I. J. M. Lindsay.
Newbern, N. C.	W. G. Bryan.
Raleigh, N. C.	William White.
Wilmington, N. C.	W.C.Bettencourt.
Camden, S. C.	J. N. Ganewell.
Charleston, S. C.	Alfred Huger.
Columbia, S. C.	Benj. F. Rawls.
Georgetown, S. C.	Wm. McNulty.
Yorkville, S. C.	Samuel Melton.
Athens, Ga.	John Crawford.
Augusta, Ga.	E. B. Glascock.
Columbus, Ga.	John Forsyth.
Darien, Ga.	Charles O'Neal.
Macon, Ga.	Wm. G. Smith.
Milledgeville, Ga.	E. Daggett.
Savannah, Ga.	G. Schley.
Apalachicola, Fl.	Geo. F. Baltzell.
Pensacola, Flor.	H. Kelly.
Tallahassee, Flor.	Miles Nash.
Florence, Ala.	J. D. Coffee.
Greensboro', Ala.	John Street, Sen.
Huntsville, Ala.	Daniel B. Turner.
Mobile, Ala.	J. W. Townsend.
Montgomery, Ala.	Neil Blue.
Tuscaloosa, Ala.	Wm. D. Marrest.
Jackson, Miss.	Howell Hobbs.
Natchez, Miss.	Woodson Wren.
Vicksburgh, Miss.	N. D. Coleman.
N. Orleans, Lou.	Alex. G. Penn.
Little Rock, Ark.	B. Williams.
Columbia, Tenn.	Jeremiah Cherry.
Knoxville, Tenn.	Sam. W. Bell, Jr.
Memphis, Tenn.	M. B. Winchester.
Nashville, Tenn.	L. P. Cheatham.
Frankfort, Ky.	Benj. F. Johnson.
Lexington, Ky.	Joseph Ficklin.
Louisville, Ky.	Thomas J. Read.
Maysville, Ky.	Rich. H. Stanton.
Chillicothe, Ohio,	J. R. Anderson.
Cincinnati, Ohio,	Geo. Crawford.
Cleveland, Ohio,	T. P. Spencer.
Columbus, Ohio,	Jacob Medary.
Dayton, Ohio,	J. W. McCorkle.
Newark, Ohio,	Levi J. Houghey.
Steubenville, O.	W. O'Neal.
Toledo, Ohio,	Tru. C. Evarts.
Zanesville, Ohio,	Israel Hoge.
Ann Arbor, Mich.	George Danforth.
Detroit, Mich.	John S. Bagg.
Evansville, Ind.	B. F. Dupuy.
Indianapolis, Ind.	Saml. Henderson.
Lafayette, Ind.	R. S. Ford.
Madison, Ind.	Andrew Collins.
New Albany, Ind.	Calvin W. Ruter.
Terre Haute, Ind.	Joseph O. Jones.
Vincennes, Ind.	Elihu Stout.
Alton, Ill.	John Hatch.
Chicago, Ill.	Hart L. Stewart.
Galena, Ill.	R. W. Carson.
Jacksonville, Ill.	Wm. M. Happy.
Shawneetown, Ill.	Pleasant L. Ward.
St. Louis, Mo.	John M. Wimer.
Milwaukie, W. T.	Josiah A. Noonan.

III. THE JUDICIARY.

Places and Times of holding the Circuit Courts.

Maine.	*Portland*—1st May and 1st October.
N. Hampshire.	*Portsmouth*—8th May; — *Exeter*—8th October.
Vermont.	*Windsor*—21st May; — *Rutland*—3d October.
Massachusetts.	*Boston*—15th May and 15th October.
Rhode Island.	*Newport*—15th June; — *Providence*—15th November.
Connecticut.	*New Haven*—4th Tuesday in April; — *Hartford*—3d Tuesday in September.
N. York, S. Dist.	*New York*—last Monday in Feb., 1st Monday in April, last Monday in July and November.
N. York, N. Dist.	*Albany*—3d Tuesday in October; — *Canandaigua*—Tuesday next after third Monday in June.
New Jersey.	*Trenton*—1st April and 1st October.
Penn., E. Dist.	*Philadelphia*—11th April and 11th October.
Penn., W. Dist.	*Pittsburg*—3d Monday in May and Nov.; — *Williamsport*—3d Monday in June and September.
Delaware.	*Newcastle*—Tuesday following 4th Monday in May; — *Dover*—Tuesday following 3d Monday in Oct.
Maryland.	*Baltimore*—1st Monday in November.
Virginia, E. Dist.	*Richmond*—1st Mon. in May, and 4th Mon. in Nov.
Virginia, W. Dist.	*Lewisburg*—1st Monday in August.
N. Carolina.	*Raleigh*—4th Monday in May, and Monday preceding 1st Monday in Dec.; and after 1845, 2d Monday in March.
S. Carolina.	*Charleston*—Wednesday preceding the 4th Monday in March; — *Columbia*—4th Monday in November.
Georgia.	*Savannah*—2d Monday in April; *Milledgeville*—Thursday after the 1st Monday in November.
Alabama, S. Dist.	*Mobile*—2d Monday in April, and 4th Mon. in Dec.
Alabama, N. Dist.	*Huntsville*—1st Monday in June.
Mississippi.	*Jackson*—1st Monday in May and November.
Louisiana,	*New Orleans*—4th Mon. in April, and 3d Mon. in Dec.
Tennessee.	*Nashville*—1st Monday in March and September; — *Knoxville*—3d Monday in April and October; — *Jackson*—2d Monday in October and April.
Kentucky.	*Frankfort*—1st Mon. in May, and 2d Mon. in Nov.
Ohio.	*Columbus*—3d Monday in May and December.
Michigan.	*Detroit*—3d Monday in June, and 2d Monday in Oct.
Indiana.	*Indianapolis*—1st Monday in December.
Illinois.	*Vandalia*—last Monday in November.
Missouri.	*St. Louis*—1st Monday in April.
Arkansas.	*Little Rock*—2d Monday in April.
Dist. Columbia.	*Washington*—4th Monday in March and 3d Monday in October; —*Alexandria*—1st Monday in May and October.

SUPREME COURT.

	Residence.		Appointed.	Salary.
Roger B. Taney,	Baltimore, Md.	*Chief Justice*,	1836,	$5,000
Joseph Story,	Cambridge, Mass.	*Associate Justice*,	1811,	4,500
John McLean,	Cincinnati, Ohio,	*do.*	1829,	4,500
James M. Wayne,	Savannah, Ga.	*do.*	1835,	4,500
John McKinley,	Florence, Ala.	*do.*	1837,	4,500
John Catron,	Nashville, Tenn.	*do.*	1837,	4,500
Peter V. Daniel,	Richmond, Va.	*do.*	1841,	4,500
Samuel Nelson,	Cooperstown, N. Y.	*do.*	1845,	4,500
Vacancy.				
John Y. Mason,	Southampton, Va.	*Attorney General*,	1845,	4,000
Benj. C. Howard,	Baltimore, Md.	*Reporter*,	1843,	1,000
William T. Carroll,	Washington,	*Clerk*,		1,000
Alexander Hunter,	Washington,	*Marshal*,		Fees, &c.

The Supreme Court is held in the City of Washington, and has one session annually, commencing on the 1st Monday of December.

*DISTRICT COURTS:—JUDGES, ATTORNEYS,

	Districts.	*Judges.*	*Residence.*	*Salary.*	*Attorneys.*	*Pay.*
1	Maine,	Ashur Ware,	Portland,	$1,800	Aug. Haines,	$200 & f.
2	N. Hampshire,	Matthew Harvey,	Hopkinton,	1,000	Franklin Peirce,	200 do.
3	Vermont,	Samuel Prentiss,	Montpelier,	1,200	Charles Linsley,	200 do.
4	Massachusetts,	Peleg Sprague,	Boston,	2,500	Robert Rantoul,	F's, &c.
5	Rhode Island,	John Pitman,	Providence,	1,500	Walter S. Burgess,	200 & f.
6	Connecticut,	A. T. Judson,	Canterbury,	1,500	Jonathan Stoddard,	200 do.
7	N. Y. { N. Dist.	A. Conkling,	Auburn,	2,000	W. F. Allen,	200 do.
8	N. Y. { S. Dist.	Samuel R. Betts,	New York,	3,500	Benj. F. Butler,	F's, &c.
9	New Jersey,	Ph. Dickerson,	Paterson,	1,500	James S. Greene,	200 & f.
10	Pa. { E. Dist.	Archib'ld Randall,	Philadelphia,	2,500	Thomas M. Pettit,	F's, &c.
11	Pa. { W. Dist.	Thomas Irwin,	Pittsburg,	1,800	John L. Dawson.	200 & f.
12	Delaware,	Willard Hall,	Wilmington,	1,500	William H. Rogers,	200 do.
13	Maryland,	Upton S. Heath,	Baltimore,	2,000	W. L. Marshall,	F's, &c.
14	Va. { E. Dist.	J. D. Hallyburton,		1,800	R. C. Nicholas,	200 & f.
15	Va. { W. Dist.	I. S. Pennybacker,	Harrisonburg,	1,600	Moses C. Goode,	200 do.
16	North Carolina,	Henry Potter,	Raleigh,	2,000	Duncan R. McRae,	200 do.
17	South Carolina,	R. B. Gilchrist,	Charleston,	2,500	Edward McCrady,	200 do.
18	Georgia,	John C. Nicoll,	Savannah,	2,500	Henry R. Jackson,	200 do.
19	Ala. { S. Dist.	Wm. Crawford,	Mobile,	2,500	G. J. S. Walker,	200 do.
20	Ala. { N. Dist.				J. A. S. Acklin,	200 do.
21	Miss. { N. Dist.	S. J. Gholson,	Athens,	2,000	Oscar F. Bledsoe,	200 do.
22	Miss. { S. Dist.				R. M. Gaines,	200 do.
23	Louisiana,	T. H. McCaleb,	New Orleans,	3,000	Solomon W. Downs,	600 do.
24	Tenn. { W. Dist.				H. W. McCorry,	200 do.
25	Tenn. { M. Dist.	M. B. Brown,	Nashville,	1,500	Thomas D. Mosely,	200 do.
26	Tenn. { E. Dist.				Thomas C. Lyon,	200 do.
27	Kentucky,	Th. B. Monroe,	Frankfort,	1,500	P. S. Loughborough,	200 do.
28	Ohio,	H. H. Leavitt,	Steubenville,	1,500	Thos. W. Bartley,	200 do.
29	Indiana,	E. M. Huntington,	Terre Haute,	1,500	Daniel Mace,	200 do.
30	Illinois,	Nathaniel Pope,	Kaskeskia,	1,500	David L. Gregg,	200 do.
31	Missouri,	Robert W. Wells,	Jefferson City,	1,500	Thos. J. Gantt,	200 do.
32	Michigan,	Ross Wilkins,	Detroit,	1,500	John Norvell,	200 do.
33	Arkansas,	Benj. Johnson,	Little Rock,	2,000	S. H. Hempstead,	200 do.
34	D. Columbia,	William Cranch,	Washington,	2,700*	James Hoban,	F's, &c.

*** Corrected at the Department of State, July 20, 1845.**

Circuit Courts.

The United States are divided into the following nine judicial circuits, in each of which a Circuit Court is held twice every year, for each State within the circuit, by a Justice of the Supreme Court, assigned to the circuit, and by the District Judge of the State or District in which the Court sits.

		Presiding Judge.
1st Circuit,	Maine, New Hampshire, Mass., and R. I.,	Mr. Justice Story.
2d do.	Vermont, Connecticut, and New York,	Mr. Justice Nelson.
3d do.	New Jersey and Pennsylvania.	
4th do.	Delaware, Maryland, and Virginia,	Mr. Chief Just. Taney.
5th do.	Alabama and Louisiana,	Mr. Justice Daniels.
6th do.	N. Carolina, S. Carolina, and Georgia,	Mr. Justice Wayne.
7th do.	Ohio, Indiana, Illinois, and Michigan,	Mr. Justice McLean.
8th do.	Kentucky, Tennessee, and Missouri,	Mr. Justice Catron.
9th do.	Mississippi and Arkansas,	Mr. Justice McKinley.

There is a local Circuit Court held by three Judges in the District of Columbia, specially appointed for that purpose. The Chief Justice of that Court sits also as District Judge of that District.

MARSHALS, AND CLERKS.

	Marshals.	*Residence.*	*Pay.*	*Clerks.*	*Residence.*	*Pay.*
1	Virgil D. Parris,	Paris,	$200 & f's.	John Mussey,	Portland,	Fees.
2	Cyrus Barton,	Concord,	200 do.	John L. Hayes,	Portsmouth,	do.
3	Jacob Kent,	Wells River,	200 do.	E. H. Prentiss,	Montpelier,	do.
4	Isaac O. Barnes,	Boston,	Fees, &c.	Seth E. Sprague,	Boston,	do.
5	Burring'n Anthony,	Providence,	200 & f.	John T. Pitman,	Providence,	do.
6	Benning Mann,	Hartford,	200 do.	C. A. Ingersoll,	New Haven,	do.
7	Jacob Gould,	Rochester,	200 do.	R. B. Miller,	Utica,	do.
8	Eli Moore,	New York,	Fees, &c.	Fred. J. Betts,	New York,	do.
9	Samuel McClung,	Trenton,	200 & f.	Rob. D. Spencer,	Mt. Holly,	do.
10	George M. Keim,	Philadelphia,	Fees, &c.	F. Hopkinson,	Philadelphia,	do.
11	Samuel Hays,	Pittsburg,	200 & f.	E. J. Roberts,	Pittsburg,	do.
12	John McClung,	Wilmington,	200 do.	W. A. Mendenhal,	Wilmington,	do.
13	Morean Forrest,	Baltimore,	Fees, &c.	Thomas Spicer,	Baltimore,	do.
14	E. Christian,	Richmond,	200 & f.	Philip Mayo,	Richmond,	do.
15	James Points,	Staunton,	200 do.	R. W. Moore,	Clarksburg,	do.
16	Wesley Jones,	Raleigh,	400 do.	W. H. Haywood,	Raleigh,	do.
17	Thos. D. Condy,	Charleston,	Fees, &c.	James Jarvey,	Charleston,	do.
18	Hend. Willingham,	Athens,	do.	George Glenn,	Savannah,	do.
19	W. Armistead,	Mobile,	200 & f.	D. Files,	Mobile,	do.
20	Benj. Patteson,	Huntsville,	200 do.	C. R. Clifton,	Huntsville,	do.
21	Alex. A. Kincannon,	Columbus,	200 do.	G. M. Ragsdale,		do.
22	Thomas Fletcher,	Jackson,	200 do.	William Burns,	Jackson,	do.
23	Wm. F. Wagner,	N. Orleans,	200 do.	N. R. Jennings,	N. Orleans,	do.
24	R. J. Chester,	Jackson,	200 do.	Caleb Green,		do.
25	B. H. Sheppard,	Nashville,	200 do.	N. A. McNairy,	Nashville,	do.
26	Arthur R. Crozier,		200 do.	W. C. Mynatt,	Knoxville,	do.
27	John Lane,	Shelbyville,	200 do.	J. H. Hanna,	Frankfort,	do.
28	Dan'l A. Robertson,	Lancaster,	200 do.	William Miner,	Columbus,	do.
29	Abel C. Pepper,	Indianapolis,	200 do.	Henry Hurst,	Corydon,	do.
30	S. H. Anderson,	Mt. Vernon,	200 do.	J. F. Oroings,	Springfield,	do.
31	Robert C. Ewing,	Richmond,	200 do.	Joseph Gamble,	St. Louis,	do.
32	L. S. Humphrey,	Munroe,	200 do.	John Winder,	Detroit,	do.
33	Elias Rector,	Van Buren,	200 do.	William Field,	Little Rock,	do.
34	Alexander Hunter,	Washington,	Fees, &c.	William Brent,	Washington,	do.

Places and Times of holding the District Courts.

Maine.	*Wiscasset*—1st Tuesday in September;—*Portland*—1st Tuesday in February and December;—*Bangor*—4th Tuesday in June.
N. Hampshire.	*Portsmouth*—3d Tuesday in March and September;—*Exeter*—3d Tuesday in June and December.
Vermont.	*Rutland*—6th of Oct.;—*Windsor*—24th of May.
Massachusetts.	*Boston*—3d Tuesday in March, 4th Tuesday in June, 2d Tuesday in Sept., and 1st Tuesday in Dec.
Rhode Island.	*Newport*—2d Tuesday in May, and 3d in October;—*Providence*—1st Tuesday in August and February.
Connecticut.	*New Haven*—4th Tuesday in February and August;—*Hartford*—4th Tuesday in May and November.
New York, S. District.	*New York*—1st Tuesday of each month.
New York, N. District.	*Albany*—3d Tuesday in January;—*Utica*—2d Tuesday in July;—*Rochester*—3d Tuesday in May;—*Buffalo*—2d Tuesday in October.—One term annually in the county of St. Lawrence, Clinton, or Franklin, at such time and place as the judge may direct.
New Jersey.	*Trenton*—2d Tuesday in March and September, and 3d Tuesday in May and November.
Pennsylvania, E. District.	*Philadelphia*—3d Monday in February, May, August, and November.
Pennsylvania, W. District.	*Pittsburg*—1st Monday in May, and 1st Monday in October;—*Williamsport*—1st Monday in October.
Delaware.	*Newcastle*—3d Tuesday in June, and 2d Tuesday in December;—*Dover*—Tuesday next following the 3d Monday of March, and the Tuesday next following the 4th Monday of September.
Maryland.	*Baltimore*—on the 1st Tuesday in March, June, September, and December.
Columbia.	*Washington*—1st Monday in June and December.
Virginia, E. District.	*Richmond*—12th of May, and 12th of November;—*Norfolk*—30th of May, and 1st of November.
Virginia, W. District.	*Staunton*—1st day of May, and 1st day of October;—*Wytheville*—Wed. after 3d Mond. in April and September;—*Charleston*—Wednesday after the 2d Monday in April and September;—*Clarksburg*—last Monday in March and August;—*Wheeling*—Wednesday after the first Monday in April and Sept.
N. Carolina.	*Edenton*—3d Monday in April and Oct;—*Newburn*—4th Monday in April and Oct.;—*Wilmington*—1st Monday after the 4th Monday in April and Oct.
S. Carolina.	*Charleston*—3d Monday in March and September, 1st Monday in July, and 2d Monday in Dec.;—*Laurens Court House*—the next Tuesday after the adjournment of the Circuit Court at Columbia.

GEORGIA.	*Savannah*—2d Tues. in Feb., May, Aug., and Nov.
FLORIDA.	*Tallahassee*—1st Monday in Jan.; — *St. Augustine*—1st Mon. in April; — *Key West*—1st Mon. in August.
ALABAMA, N. Dist.	*Huntsville*—2d Monday in April and October.
ALABAMA, M. District.	*Tuscaloosa*—4th Monday in May, and 1st Monday after the 4th Monday in November.
ALABAMA, S. Dist.	*Mobile*—1st Monday in May, and 2d Monday in Dec.
MISSISSIPPI.	*Jackson*—4th Monday in January and June.
LOUISIANA.	*New Orleans*—2d Monday in December, and 1st Monday in January for trying all cases arising in the Western District.
TENNESSEE, E. District.	*Knoxville*—3d Monday in April and October.
TENNESSEE, W. District.	*Nashville*—4th Monday in May and November; — *Jackson*—2d Monday in October and April.
KENTUCKY.	*Frankfort*—1st Monday in May and 2d Monday in November.
OHIO.	*Columbus*—3d Monday in July and 4th Monday in December.
MICHIGAN.	*Detroit*—3d Monday in June and 2d Monday in Oct.
INDIANA.	*Indianapolis*—last Monday in May and November.
ILLINOIS.	*Vandalia*—1st Monday in May and December.
MISSOURI.	*Jefferson City*—1st Monday in March and September.
ARKANSAS.	*Little Rock*—1st Monday in October.

IV. INTERCOURSE WITH FOREIGN NATIONS. — AUG., 1845.

The *pay* of Ministers Plenipotentiary is $9,000 per annum, as salary, besides $9,000 for outfit. The pay of Chargés d'Affaires is $4,500 per annum; of Secretaries of Legation, $2,000; of Ministers Resident, $6,000.

The government of the United States is represented by Ministers Plenipotentiary at the Courts of Great Britain, France, Russia, Prussia, Spain, and Brazil; and by Chargés d'Affaires at the Courts of most of the other foreign countries with which this country is much connected by commercial intercourse.

1. MINISTERS AND DIPLOMATIC AGENTS OF THE UNITED STATES IN FOREIGN COUNTRIES.

Ministers Plenipotentiary in 1845.

		Appointed.	Foreign States.	Capitals.
Louis McLane,	Md.	1845	Great Britain,	London.
William R. King,	Ala.	1844	France,	Paris.
Charles S. Todd,	Ken.	1841	Russia,	St. Petersburg.
Henry Wheaton,	R. I.	1837	Prussia,	Berlin.
Henry A. Wise,	Va.	1844	Brazil,	Rio Janeiro.
Washington Irving,	N. Y.	1842	Spain,	Madrid.

Commissioners.

		Appointed.	Foreign States.	Salary.
Alex. H. Everett,	Mass.	1845	China.	$5,000.
Anthony Ten Eyck,	Mich.	1845	Sandwich Isles.	3,000.

Secretaries of Legation.

Gansevoort Melville,	G. Britain.	Jasper H. Livingston,	Spain.
J. L. Martin,	France.	Robert M. Walsh,	Brazil.
J. R. Clay,	Russia.		Salary,
Theodore S. Fay,	Prussia.	Peter Parker, China,	$2,500.

Minister Resident.

		Appointed.		
Dabney S. Carr,	Md.	1843	Turkey,	Constantinople.

John P. Brown, *Dragoman to the Legation.* Salary, $2,500.

Chargés d'Affaires in 1845.

		Appointed.		
A. Davezac,	N. Y.	1845	Netherlands,	Hague.
Thomas G. Clemson,	Pa.	1844	Belgium,	Brussels.
Henry W. Ellsworth,	Ind.	1845	Sweden,	Stockholm.
William W. Irwin,	Pa.	1843	Denmark,	Copenhagen.
Benjamin A. Bidlack,	Pa.	1845	New Grenada,	Bogotá.
Benjamin G. Shields,	Ala.	1845	Venezuela,	Caraccas.
William Crump,	Va.	1844	Chili,	Santiago.
A. G. Jewett,	Me.	1845	Peru,	Lima.
Andrew J. Donelson,	Tenn.	1845	Texas,	Washington.
William H. Polk,	Tenn.	1845	Two Sicilies,	Naples.
William Brent, Jr..	Va.	1844	Argentine Repub.	Buenos Ayres.
Robert Wickliffe, Jr.	Ky.	1843	Sardinia,	Turin.
Abraham Rencher,	N. C.	1843	Portugal,	Lisbon.
William H. Stiles,	Ga.	1845	Austria,	Vienna,

2. LIST OF CONSULS AND COMMERCIAL AGENTS OF THE UNITED STATES IN FOREIGN COUNTRIES, AND OF THE PLACES OF THEIR RESIDENCE; — *Corrected in the Department of State to July 3d,* 1845.

☞ Those marked thus * are *Commercial Agents.*

ARGENTINE REPUBLIC, OR BUENOS AYRES.

James H. Tate, Buenos Ayres.
Jefferson Adams, Rio Negro.

AUSTRIA.

J. G. Schwartz, Vienna.
George Moore, Trieste.
Wm. A. Sparks, Venice.

BADEN.

George F. Gerding, Mannheim.

BARBARY STATES.

Thomas N. Carr, { Tangier, Morocco.
Samuel D. Heap, Tunis, Tunis.
Dan. S. Macauley, Tripoli, Tripoli.

BELGIUM.

Antwerp.

BRAZIL.

Charles B. Allen, Maranham Isl.
Charles J. Smith, Para.
Geo. P. Manouvrier, Pernambuco.
Gorham Parks, Rio Janeiro.
George Black, Santos.
Lemuel Wells, { St. Catherine's Island.

John C. Pedrick,	Rio Grande.
Alex. H. Tyler,	Bahia de San Salvador.

CENTRAL AMERICA.

Stephen H. Weems,	Guatemala.
A. Follin,	Truxillo, (Honduras.)

CHILI.

Eben. R. Dorr,	Valparaiso.
P. H. Delano,	Talcahuano.
Samuel F. Haviland,	Coquimbo.

CHINA.

A. Follen,	Amoy.
Paul S. Forbes,	Canton.
Robert L. McIntosh,	Lufowchou.

DENMARK.

Charles F. Ryan,	Copenhagen.
Edmund L. Rainals,	Elsineur.

Danish Islands.

David Rogers,	Santa Cruz.
*David Naar,	St. Thomas.

EGYPT, *Pasha of*

Alexander Tod,	Alexandria.

EQUATOR.

Seth Sweetser,	Guayaquil.

FRANCE.

Robert Walsh,	Paris.
	Lyons.
Reuben G. Beasley,	Havre.
John W. Grigsby,	Bordeaux.
Daniel C. Croxall,	Marseilles.
Thomas Hulme,	Sedan.
Essex R. Livingston,	Nantes.
F. M. Auboyneau,	La Rochelle.

West Indies.

John W. Fisher,	Pointe-a-Pitre, Guadeloupe.
Gabriel G. Fleurot,	St. Pierre, Martinique.

South America.

Joseph W. Fabens,	Cayenne.

Africa.

Francis Lacrouts,	Algiers.

GREAT BRITAIN.

England.

Thomas Aspinwall,	London.
Robert Armstrong,	Liverpool.
Francis B. Ogden,	Bristol.
Robert W. Fox,	Falmouth.
Thomas Were Fox,	Plymouth.
Joseph R. Croskey,	Cowes.
Albert Davy,	Leeds.

Scotland.

Robert Grieve,	Leith.
Stewart Steel,	Dundee.
Joseph Cowdin,	Glasgow.

Ireland.

Thomas Wilson,	Dublin.
Thomas W. Gilpin,	Belfast.
James McHenry,	Londonderry.
John Murphy,	Cork.
Michael Kennedy,	Galway.

In and near Europe and Africa.

Horatio Sprague,	Gibraltar.
Wm. W. Andrews,	Isl. of Malta.
* Wm. Carroll,	Isl. St. Helena.
Isaac Chase,	Cape-Town.
Robert P. Desilver,	Port-Louis, Mauritius.

North America.

Israel D. Andrews,	St. John's, N. B.
T. B. Livingston,	Halifax, N. S.
John J. Peavey,	Pictou, N. S.

West Indies.

Alex. J. Bergen,	Bermuda.
John F. Bacon,	Nassau, Bahama Islands.
J. Morrell,	Turk's Island.
Robert M. Harrison,	Kingston, Ja.
*R. S. Higinbothom,	St. Christopher and Antigua.

Wm. R. Hayes,	Barbadoes.
	Trinidad.

South America.

Moses Benjamin,	Demerara, British Guiana.

Australia.

James H. Williams,	Sydney, New S. Wales.
Elisha Hathaway, Jr.	Hobart Town.

East Indies.

Joseph Balestier,	Singapore.
	Bombay.
James B. Higginson,	Calcutta.
Fred. T. Bush,	Hong Kong.

GREECE.

	Athens.

HANSEATIC, OR FREE CITIES.

John Cuthbert,	Hamburg.
W. H. Robertson,	Bremen.
Ernest Schwendler,	Frankfort on the Maine.

HANOVER, HESSE CASSEL, & HESSE DARMSTADT.

Charles Graebe,	Cassel.

HAYTI, OR ST. DOMINGO.

Joseph C. Luther,	Pt. au Prince.
Richmond Loring,	Aux Cayes.
Geo. F. Ushur,	Cape Haytien.

MEXICAN REPUBLIC.

John Black,	Mexico.
Manuel Alvarez,	Santa Fé.
Franklin Chase,	Tampico or Santa Anna de Tamaulipas.
J. P. Schatzell,	Metamoras.
F. M. Dimond,	Vera Cruz and Alvarado.
Edward Porter,	Tabasco.
Eneas McFaul,	Laguna, Carmen Isl.
Thomas O. Larkin,	Monterey.
John Parrott,	Mazatlan.
José Maria Castanos,	San Blas.
John A. Robinson,	Guaymas.
P. de Regily Estrada	Merida, (Yucatan.)

MUSCAT, *Dominion of the Imaum of*

Syed Ben Calfaun,	Muscat.
Charles Ward,	Isl. Zanzibar, near E. coast of Africa.

THE NETHERLANDS, OR HOLLAND.

Charles Nichols,	Amsterdam.
W. S. Campbell,	Rotterdam.

Colonies.

W. H. Freeman,*	Curaçoa, W. I.
O. M. Roberts,	Batavia, Java.

NEW GRENADA.

Ramon L. Sanchez,	Carthagena.
Southy Grinald,	Santa Martha.
William Nelson,	Panama.

PACIFIC ISLANDS, *Independent.*

Azel P. Ladd,	Tahiti, Soc. I.
Joel Turrill,	Oaho, Sand. I.
John B. Williams,	Auckland Isl's.
John C. Williams,	Navigators' I.

PERU.

Stanhope Prevost,	Lima.
Alex. Ruden, Jr.,	Paita.

PORTUGAL.

Wm. H. Vesey,	Lisbon.
Louis Tinelli,	Oporto.

* Not recognized by the Governor of Curaçoa.

Islands.

Samuel Haight,	Fayal, Azores.
John H. March,	Funchal, Mad.
Ferd. Gardner,	St. Jago, Cape Verd.

PRUSSIA.

Frederick Schillow,	Stettin.

ROME, OR PONTIFICAL STATES.

Nicholas Brown,	Rome.
James E. Freeman,	Ancona.
Henry J. Brent,	Ravenna.

RUSSIA.

A. P. Gibson,	St. Petersburg.
Alex. Schwartz,	Riga.
Edmund Brandt,	Archangel.
John Ralli,	Odessa.

SARDINIA.

C. Edwards Lester,	Genoa.
Victor A. Sasserno,	Nice.

SAXONY.

John G. Flügel,	Leipsic.
George Mohr,	Dresden.

SPAIN.

Maximo de Aguirre,	Bilbao.
Alexander Burton,	Cadiz.
George Reed,	Malaga.
P. Pou,	Barcelona.
Nicholas B. Boyle,	Port Mahon.

Cuba.

Robert B. Campbell,	Havana.
Simeon M. Johnson,	Matanzas.
Samuel McLean,	Trinidad de Cuba.
John W. Holding,	Santiago de Cuba.

Puerto Rico.

James C. Gallaher,	Ponce.
Thomas B. Abrams,	Mayaguez.
Wm. H. Tracy,	Guayama.
O. S. Morse,	St. John's.

Other Spanish Islands.

Joseph Cullen,	Teneriffe, Canary.
H. P. Sturgis,	Manilla, Philipp.

SWEDEN AND NORWAY.

C. D. Arfwedson,	Stockholm.
C. A. Murray,	Gothenburg.
Helmich Janson,	Bergen.
Jorgen Flood,	Porsgrund,

SWITZERLAND.

George H. Goundie,	Basil or Basle. Zurich.

TEXAS.

Morgan L. Smith,	Velasco.
Thos. N. Herndon,	Galveston.
W. W. T. Smith,	Matagorda.
Stewart Newell,	Sabine.

TURKEY.

George A. Porter,	Constantinople.
David W. Offley,	Smyrna.
Jasper Chasseaud,	Beirout.

TUSCANY.

Joseph A. Binda,	Leghorn.
Edward Gamage,	Florence.

TWO SICILIES.

Alexander Hammett,	Naples.
John M. Marston,	Palermo.
John L. Payson,	Messina.

URUGUAY OR CISPLATINE REPUBLIC.

Robert M. Hamilton,	Monte Video.

VENEZUELA.

Wm. P. Chandler,	Puerto Cabello.
John P. Adams,	Laguayra.
Robert Hutton,	Maracaibo.

WURTEMBURG.

Frederick List,	Stuttgard.

The only consuls who receive salaries are those for London, $2,000, Tangier, $2,000, Tunis, $2,000, Tripoli, $2,000, and Beirout, $500.

3. Foreign Ministers and their Secretaries,

Accredited to the Government of the United States.

Foreign States.	*Envoys Ex. & Min. Plen.*	*Secretaries, &c.*
Russia,	Alexander Bodisco,	Mr. de Stœckl, 1*st Sec.*
"		Mr. Cramer, 2*d Sec.*
Argentine Rep.,	Brig. Gen. D. Carlos Maria de Alvear,	*Min. Plen. & Extraor.*
		D. Emilio de Alvear, *Sec. of Leg.*
France,	M. Alph. Pageot, *ad interim*,	M. Geo. Serrurier.
Great Britain,	Richard Pakenham,	John Bidwell.
Spain,	M. Calderon de la Barca,	Mr. F. Bourman.
"		Don J. M. de Magallon, *Attaché.*

	Ministers Resident.	
Portugal,	J. C. de Figaniere,	F. de Menezes de Brito do Rio.
Brazil,	Chev. Gaspar José de Lisboa.	
Prussia,	Sr. de Gerolt.	

	Chargés d'Affaires.
Denmark,	M. Steen de Billé.
Belgium,	M. Charles Serruys.
Sweden,	Chevalier Gustavus de Nordin.
Austria,	Chevalier Hulsemann, *ad interim.*
Netherlands,	Chev'r F. M. W. Testa.
Sardinia,	Count Albert Lupi de Montalto.
Texas,	David F. Kaufman.

4. Foreign Consuls and Vice-Consuls in the United States.*

A List of Foreign Consuls and Vice-Consuls in the United States.

☞ Those marked thus * are *Consuls-General*; — thus † *Vice-Consuls*; — the rest are *Consuls.*

Argentine Republic, or Buenos Ayres.

Fitzhenry Homer, Boston.

Austria.

J. W. Langdon, Boston.
†Joseph Ganahl, Savannah.
C. J. Hohenburgher, New Orleans.

Baden.

*Johann W. Schmidt, New York.
Frederick Frey, New Orleans.
†Jacob H. Eimer, New Orleans.

Bavaria.

G. Heinrich Siemon, New York.
C. Fred. Hagedorn, Philadelphia.

Belgium.

†Sullivan F. Rawson, Eastport.
Thomas A. Deblois, Portland.
Henry G. T. Mali, New York.

* This list is necessarily imperfect in some degree, as no official record of the foreign consuls in the United States is kept at any of the public offices. Every exertion is made to render it as correct as possible. Those who notice errors in the list are respectfully requested to communicate them to the editor, for correction in the subsequent volume.

†Hippolyte Mali, New York.
John D. Bates, Boston.
Adolphe E. Borie, Philadelphia.
Samuel D. Walker, Baltimore.
A. W. Nölling, Richmond.
†Auguste Branda, Norfolk.
George A. Hopley, Charleston.
W. E. O'Driscoll, Savannah.
Charles Auzé, Mobile.
†William Porter, Apalachicola.
†Th. A. Pinkney, Key West.
Edward Mallard, New Orleans.

Brazil.

*L. H. F. d'Aguira, New York.
†Archibald Foster, Mass., N.H., and Maine, Boston.
†L. F. De Figaniere, New York.
†Edward S. Sayres, Philadelphia.
†Geo. H. Newman, Baltimore.
†Clement Smith, Dist. of Colum.
†Herman Baldwin, Richmond.
†Myer Myers, Norfolk.
†H. G. Chadwick, Charleston, S.C.
†Peter Reynand, New Orleans.

Bremen.

Herman Oelrichs, New York.
Christop. F. Plate, Philadelphia.
*Albert Schumacker, Baltimore.
Ant. Ch. Cazenove, Dist. of Col.
Lewis Trapman, Charleston.
Eleazer Crabtree, Savannah, Ga.
Freder'k Rodewald, New Orleans.

Brunswick.

Johann D. Kleudgen, New York.

Chili.

Franklin H. Delano, New York.

Denmark.

George M. Thatcher, Mass., Me. N. H., and R. I., Boston.
Edward Beck, N. York, Conn., and part of N. J., New York.
†John Bohlen, Philadelphia.
†Henry G. Jacobsen, Baltimore.
†P. K. Dickinson, Wilmington.
†Jas. H. Ladson, Charleston.
†W. Crabtree, Savannah.
J. F. C. Ules, N. Orleans.

Ecuador.

James H. Causten, Washington.
Samuel Sweetser, Philadelphia.

France.

*M. L. De la Forest, New York.
†Louis Borg, New York.
Max Isnard, Boston.
†Fauvel Gouraud, Newport.
M. B. B. de L. D'Hautrieve, Philad.
†Geo. C. Morton, Baltimore.
Ct. de Montholon, Richmond.
†Pascal Sehisaua, Norfolk.
Count de Choiseul, Charleston.
†R. de Leaumont, Charleston.
L. Barré, Savannah.
Jean J. Aversenc, Mobile.
†H. de St. Cyr, Mobile.
Aimè Roger, New Orleans.
†H. Germain, New Orleans.

Frankfort on the Maine.

Fred. Wysmann, New York.
Arnold Halbach, Philadelphia.

Great Britain.

Joseph J. Sherwood, Portland.
Th. Colley Grattan, Mass., Boston.
†E. A. Grattan, Boston.
Anthony Barclay, New York.
J. Mc. Tavish, Baltimore.
W. Ogilly, N. and S. Car.
Chas. L. Fitzgerald, Flor. and Ala.
A. L. Molyneux, Georgia.
J. Crawford, New Orleans.

Greece.

Henry G. Andrews, Boston.
Eugene Dutilh, New York.

Guatemala.

*Antonio de Aycenena.

Hamburg.

C. H. F. Moring, Boston.
Theodore des Arts, New York.
*Alb. Schumacker, Baltimore.
Henry Ludlam, Richmond.
Louis Trapmann, Charleston.
F. W. Schmidt, Louisiana.

Hanover.

L. H. Meyer, New York.
†A. W. Hupeden, New York.
John Leppien, Philadelphia.
Edward Uhrlaub, Baltimore.
J. A. Van Cooth, Charleston.
J. B. Bher, New Orleans.

Elector of Hesse.

Conrad W. Faber, New York.

Grand Duke of Hesse.

Antoin Bollerman, New York.

Lubeck.

William Kruger, New York.

Mecklenberg-Schwerin.

*Leon Herckenrath, Charleston.

Mexico.

*Juan de la Granga, New York.
†Edward Cabot, Boston.
†Felix Merino, Philadelphia.
†Charles Tiernan, Baltimore.
†Robert Adger, Charleston.
†Oton L. Dabelsteen, New Orleans.
†Juan Herbst, Pittsburg.
†D. Juan F. Cortes, Natchitoches.
†Ald. A. M. Jackson, Pensacola.
Lewis Ramirez, St. Louis, Mo.
Antonio Niel, Independence, Mo.
†George P. Ward, Florida.
†Carlos Lebaron, Mobile, Ala.

Netherlands.

Thomas Dixon for Mass., Me., N. H., and R. I., Boston.
†B. Homer Dixon, Boston.
J. C. Zimmerman, N. Y., N. J., and Conn., New York.
Henry Bohlen, Philadelphia.
Frederic B. Graff, Baltimore.
Leon Herckenrath, Charleston, S.C.
†Oliver O'Hara, Key West.
Myer Myers, Norfolk.
†Godfrey Barnsley, Savannah.
Stevenson Forbes, Mobile.
F. Marion Ward, New Orleans.

New Grenada.

*Don Domingo Acosta.
Gregorio Dominguez, New York.

Oldenburg.

E. Pavenstedt, New York.
Chas. T. Lowndes, Charleston.

Portugal.

†D. Antonio G. Vega, Mass., R. I., and New Hampshire, Boston.
†P. Noailles Searle, New York.
Jn. M. L. Smith, Baltimore, Md.
†Daniel J. Desmond, Penn. and N. J.
†Christopher Neale, Dist. of Col.
†Walter Delacy, Norfolk, Va.
†J. G. Doon, Savannah.
†Ant. J. Gouvea, N. Orleans, La.

Prussia.

*Johann W. Schmidt, New York
J. C. Lang, Philadelphia.
Ludwig Brauns, Maryland.
†Wilhelm Vogel, New Orleans.
E. C. Angebrodt, St. Louis.

Rome.

*Peter A. Hargous, New York.
†Martin Mantin, New York.
†Charles Picot, Philadelphia.
†Th. Jos. Bizonard, Baltimore.
†Wm. D'Azet Senac, Norfolk.
†Samuel Wright, Savannah.
†Henry Perret, New Orleans.

Russia.

*Alex. Evstaphieff, New York.
†Alexander Baker, New York.
†A. W. Thaxter, Jr., Boston.
Edward Johns, New Orleans.

Sardinia.

*Luigi Mossi, New York.
†Nicholas Reggio, Me., N. H., Mass., and R. I., Boston.
Daniel J. Desmond, for Penn., N. J., and Del., Philadelphia.
†Edw. L. Trenholm, Charleston, S. C.
†Chas. A. Williamson, Baltimore.
†Edw. B. de Medux, Mobile.
Antonio Michoud, New Orleans.

Saxe Coburg and Gotha.

Carl Frederick Haussman, for U. S.

Saxe-Weimar.

*Fred. Aug. Mensch, New York.
Edward Stucken, New York.

Saxony.

*Ch. Aug. Davis, New York.
J. Randolph Mahler, New York.
Robert Ralston, Philadelphia.
F. Ludwig Brauns, Md., Baltimore.
J. F. C. Ules, New Orleans.

Spain.

†Th. Am. Deblois, Portland.
†Don Ant. G. Vega, Boston.
F. Stoughton, New York.
†Antonio Larruaga, Charleston.
Antonio Pizarro, Baltimore.
†Walter de Lacy, Norfolk.
†F. Moreno, Pensacola.
†D. Ponce, Savannah.
†Don José J. Cruzat, Mobile.
†John Notliss, Key West.
Juan Munoz, New Orleans.

Sweden and Norway.

†Charles J. Hunt, Mass., N. H., and Me., Boston.
†Claudius E. Habicht, New York.
†Richard Seldener, Pa., Philadel.
†F. B. Graf, Baltimore.
†John H. Brent, Alexandria, D. C.
†Duncan Robertson, Norfolk.
†Fran. H. Wilman, Savannah.
†Jos. A. Winthrop, Charleston.
†George Westfield, Mobile.
†Diedr. Miesegaes, New Orleans.

Switzerland.

Louis P. De Luge, New England and New York, New York.
J. G. Syze, Penn., N. J., and Delaware, Philadelphia.
A. Ott, for Ind., Ill., Ohio, Mich., and Wisconsin Ter.

Texas.

Nath'l Amory, Boston.
Aug. W. Radcliff, New York.
Cyrus Joy, Philadelphia.
H. Williams, Baltimore.
Wm. B. Hamilton, Richmond.
Samuel G. Taylor, Norfolk.
Th. L. Hamilton, Charleston.
Wm. Bryan, New Orleans.
T. T. Pettyplace, Mobile.
Joseph B. Browne, Key West.
A. McGuffy, Cincinnati.

Turkey.

Abra. Zipcy-Oglu, Boston.

Tuscany.

†W. H. Aspinwall, New York.
Carlo Gavenni, Mobile.

Two Sicilies.

*D. Rocco Maruscelli, New York.
*Don Domenico Morelli, Philadel.
†Nicholas Reggio, Boston.

†B. D. Potter,	Providence.
†Ira Clisbe,	N. Haven, Ct.
†Luca Palmieri,	Philadelphia.
†Geo. H. Newman,	Baltimore.
†N. E. Fowls,	Dist. of Col.
†Antonio Pomer,	Norfolk.
G. A. Trenholm,	Charleston, S.C.
†Goffredo Barnsley,	Savannah.
†O. Wolff,	Mobile.
†G. A. Barelli,	New Orleans.

Uruguay.

E. S. Tobey,	Boston.
†G. F. Darby,	New York.
†Joseph Cabot,	Philadelphia.
†T. B. Garf,	Baltimore.
†G. L. Lowden,	Charleston.
†C. J. Mansong,	Mobile.
†E. Dudley Head,	New Orleans.

Venezuela.

Silas G. Whitney,	Boston.
†John P. Bigelow,	Boston.
Juan B. Purroy,	New York.
W. McIlhenny,	Philadelphia.
J. F. Strohm,	Baltimore.
Aaron Milhado,	Norfolk.

Wurtemberg.

*Ferdinand L. Brauns,	Baltimore.
John D. Fink, Ala., Mp., La., and Florida,	New Orleans.

V. NAVY LIST.

1. Commanders of Squadrons.

David Conner,	*Commodore*,	Home Squadron.
Daniel Turner,	*do.*	Coast of Brazil.
Joseph Smith,	*do.*	Mediterranean.
John D. Sloat,	*do.*	Pacific Ocean.
James Biddle,	*do.*	East Indies.
Charles W. Skinner,	*do.*	Coast of Africa.
Robert F. Stockton,	*do.*	Special Service.

2. Commanders of Navy Yards.

Geo. W. Storer,	Portsmouth.	John H. Aulick,	Washington.
John B. Nicolson,	Boston.	Jesse Wilkinson,	Norfolk.
S. H. Stringham,	New York.	Wm K. Latimer,	Pensacola.
Jesse D. Elliot,	Philadelphia.		

3. Port Captains.

John Downes,	Boston.
Jacob Jones,	New York.
W. Compton Bolton,	Norfolk.

4. Commanders of Naval Stations.

Charles G. Ridgely,	Baltimore.
	Charleston, S. C.

5. Naval Asylum.

Charles W. Morgan,	*Governor*,	Philadelphia.

6. Officers of the Navy.

Captains.—68.

James Barron,	T. Ap C. Jones,	F. H. Gregory,	Isaac Mayo,
Charles Stewart,	William C. Bolton,	P. F. Voorhees,	William Mervine,
Jacob Jones,	W. B. Shubrick,	Benjamin Cooper,	Thomas Crabb,
Charles Morris,	C. W. Morgan,	David Geisinger,	Thomas Paine,
L. Warrington,	L. Kearny,	R. F. Stockton,	James Armstrong,
Wm. M. Crane,	F. A. Parker,	Isaac McKeever,	Joseph Smoot,
James Biddle,	E. R. McCall,	J. P. Zantzinger,	Samuel L. Breese,
C. G. Ridgely,	Daniel Turner,	Wm. D. Salter,	Benjamin Page,
John Downes,	David Conner,	Ch. S. McCauley,	John Gwinn,
Jesse D. Elliott,	William M. Hunter,	T. M. Newell,	Thomas W. Wyman,
Stephen Cassin,	John D. Sloat,	E. A. F. Lavallette,	Andrew Fitzhugh,
James Renshaw,	Matthew C. Perry,	T. T. Webb,	W. K. Latimer,
A. S. Wadsworth,	C. W. Skinner,	John Percival,	Hiram Paulding,
George C. Read,	John T. Newton,	John H. Aulick,	Uriah P. Levy,
H. E. Ballard,	Joseph Smith,	W. V. Taylor,	Charles Boarman,
J. B. Nicolson,	L. Rousseau,	Bladen Dulany,	French Forrest,
Jesse Wilkinson,	George W. Storer,	S. H. Stringham,	Wm. Jamesson.

7. Pay of the Navy, *per annum*.

	Pay.		Pay.
Captains, 68, Senior, in service,	$4,500	Surgeons, at navy yards, &c.,	$2,250
Do. do. on leave,	3,500	Do. in sea service,	2,400
Captains of Squadrons,	4,000	Do. of the fleet,	2,700
Do. do. on other duty,	3,500	Passed Assistant Surgeons, 26.	
Do. do. off duty,	2,500	Assistant Surgeons, 41, waiting	
Commanders, 96, in sea service,	2,500	orders,	650
Do. at navy yards, or on		Do. at sea,	950
other duty,	2,100	Do. after passing, &c.,	850
Do. on leave, &c.,	1,800	Do. at sea after passing,	1,200
Lieutenants, 327, commanding,	1,800	Do. at navy yards,	950
Do. on other duty,	1,500	Do. do. after passing,	1,150
Do. waiting orders,	1,200	Pursers, 64.	
Surgeons, 69, 1st 5 years in com.,	1,000	Chaplains, 23, in sea service,	1,200
Do. in navy yards, &c.,	1,250	Do. on leave, &c.	800
Do. in sea service,	1,333	Passed Midshipmen, 159, on duty,	750
Do. of the fleet,	1,500	Do. waiting orders,	600
Do. 2d 5 years,	1,200	Midshipmen, 314, in sea service,	400
Do. at navy yards, &c.,	1,500	Do. on other duty,	350
Do. in sea service,	1,600	Do. on leave, &c.,	300
Do. of the fleet,	1,800	Masters, 31.	
Do. 3d 5 years,	1,400	of ship of the line at sea,	1,100
Do. at navy yards, &c.,	1,750	Do. on other duty,	1,000
Do. in sea service,	1,866	Do. on leave, &c.,	750
Do. of the fleet,	2,100	Professors of Mathematics, 22,	1,200
Do. 4th 5 years,	1,600	Teachers at naval schools, &c., 3,	480
Do. at navy yards, &c.,	2,000	Boatswains, 30 } of a ship of the line,	750
Do. in sea service,	2,133	Gunners, 42 } of a frigate,	600
Do. of the fleet,	2,400	Carpenters, 36 } on other duty,	500
Do. 20 years and upwards,	1,800	Sailmakers, 34 } on leave, &c.,	360

Note. One ration per day, only, is allowed to all officers when attached to vessels for sea service, since the passage of the law of the 3d of March, 1835, regulating the pay of the navy. *Teachers* receive two rations per day, at 20 cents each.

8. Vessels of War of the United States Navy.—*July*, 1845.

[The names of officers marked thus * have the rank of *Commanders;* thus † *Lieutenants;* the rest are *Captains.*

Name and Rate.	Guns.	Where and when built.		Commanded by	Where employed.
Ships of the Line.—10.					
Franklin,	74	Philadelphia,	1815	. . . . .	Boston.
Columbus,	74	Washington,	1819	T. W. Wyman,	East Indies.
Ohio,	74	New York,	1820	W. M. Hunter,	Rec'g Ship, Boston.
North Carolina,	74	Philadelphia,	1820	B. Cooper,	Rec'g Ship, N. York.
Delaware,	74	Gosport, Va.,	1820	. . . . .	Norfolk.
Alabama,	74	. . . . .		. . . . .	On stocks, Portsm'th.
Vermont,	74	. . . . .		. . . . .	do. Boston.
Virginia,	74	. . . . .		. . . . .	do. do.
Pennsylvania,	120	Philadelphia,	1837	Joseph Smoot,	Rec'g Ship, Norfolk.
New York,	74	. . . . .		. . . . .	On stocks, do.
Frigates*, 1st *Class.—13.					
Independence, *Razee*,	54	Boston,	1814	. . . . .	Boston.
United States,	44	Philadelphia,	1797	. . . . .	do.
Constitution,	44	Boston,	1797	J. Percival,	East Indies.
Potomac,	44	Washington,	1821	John Gwinn,	Home squadron.
Brandywine,	44	do.	1825	F. A. Parker,	East Indies.
Santee,	44	. . . . .		. . . . .	On stocks, Portsm'th.
Cumberland,	44	Boston,	1842	Samuel L. Breese,	Mediterranean.
Sabine,	44	. . . . .		. . . . .	On stocks, N. York.
Savannah,	44	New York.	1842	James Armstrong,	Pacific Ocean.
Raritan,	44	Philadelphia,	1843	F. H. Gregory,	Coast of Brazil.
Columbia,	44	Washington,	1836	. . . . .	Norfolk.
St. Lawrence,	44	. . . . .		. . . . .	On stocks, Norfolk.
Congress,	44	Portsmouth,	1841	. . . . .	Norfolk.
Frigates*, 2d *Class.—2.					
Constellation,	36	Baltimore,	1797	. . . . .	Norfolk.
Macedonian,	36	Norfolk, *rebuilt*,	1836	. . . . .	New York.
Sloops of War.—23.					
John Adams,	20	Norfolk, *rebuilt*,	1820	*W. J McCluney,	Home Squadron.
Boston,	20	Boston,	1825	*G. J. Pendergrast,	Coast of Brazil.
Vincennes,	20	New York,	1826	*H. Paulding,	East Indies.
Warren,	20	Boston,	1826	*J. B. Hull,	Pacific Ocean.
Falmouth,	20	do.	1827	*J. R. Sands,	Home Squadron.
Fairfield,	20	New York,	1826	. . . . .	Norfolk.
Vandalia,	20	Philadelphia,	1828	. . . . .	do.
St. Louis,	20	Washington,	1828	Isaac McKeever,	East Indies.
Cyane,	20	Boston,	1837	W. Mervine,	Pacific Ocean.
Levant,	20	New York,	1837	*Hugh N. Page,	do. do.
Saratoga,	20	Portsmouth,	1842	*Irvine Shubrick,	Home Squadron.
Ontario,	18	Baltimore,	1813	*J. S. Nicholas,	Rec'g Ship, Balt.
Marion,	16	Boston,	1839	*W. F. Shields,	Coast of Africa.
Decatur,	16	New York,	1839	. . . . .	Norfolk.
Preble,	16	Portsmouth,	1839	*T. W. Freelon,	Coast of Africa.
Yorktown,	16	Norfolk,	1839	*Cha's H. Bell,	do. do.
Dale,	16	Philadelphia,	1839	. . . . .	New York.
Portsmouth,	20	Portsmouth,	1843	*J. B. Montgomery,	Pacific Ocean.
Plymouth,	20	Boston,	1843	*Henry Heury,	Mediterranean.
Albany,	20	New York,		. . . . .	On the stocks. N. Y.
Germantown,	20	Philadelphia,		. . . . .	do. do. Phil.
St. Mary's,	20	Washington,	1844	*J. L. Saunders,	Home Squadron.
Jamestown,	20	Norfolk,	1844	*R. B. Cunningham,	Coast of Africa.

Name and Rate.		Where and when built.		Commanded by	Where employed.
Brigs.—8. Guns.					
Dolphin,	10	New York,	1836	. . . . .	Norfolk.
Porpoise,	10	Boston,	1836	†W. E. Hunt,	Gulf of Mexico.
Bainbridge,	10	Boston,	1842	†L. Pennington,	Coast of Brazil.
Perry,	10	Norfolk,	1843	*J. S. Paine,	East Indies.
Somers,	10	New York,	1842	*D. N. Ingraham,	Home Squadron.
Truxtun,	10	Norfolk,	1843	*Henry Brace,	Coast of Africa.
Lawrence,	10	Baltimore,	1843	*J. R. Jarvis,	Home Squadron.
Oregon,		Purchased,	1841	. . . . .	Special Service.
Schooners.—8.					
Shark,	10	Washington,	1821	†N. M. Howison,	Pacific Ocean.
Enterprise,	10	New York,	1831	. . . . .	Boston.
Boxer,	10	Boston,	1831	. . . . .	do.
Experiment,	4	Washington,	1831	*F. Varnum,	Rec'g vessel, Phila.
Flirt,		Transferred from		†J. M. Watson,	Packet to Chagres.
Wave,		War Department.		. . . . .	Coast Survey.
Phenix,				. . . . .	Norfolk.
On-ka-hy-e,		Purchased,	1843	†A. Sinclair,	Packet to Chagres.
Steamers.—9.					
Fulton,	4	New York,	1837	. . . . .	New York,
Mississippi,	*10	Philadelphia,	1841	A. Fitzhugh,	Home Squadron.
Union,		Norfolk,	1842	. . . . .	Washington.
Princeton,		Philadelphia,	1843	*F. Engle,	Gulf of Mexico.
Michigan,		Erie, Pa.,	1844	*Wm. Inman,	Lake Erie.
Gen. Taylor,		Transferred from		. . . . .	
Col. Harney,		War Department.		. . . . .	
Water Witch,				. . . . .	Water-tank, Norfolk.
Engineer,				. . . . .	Tug, Norfolk.
Store Ships.—4.					
Relief,	6	Philadelphia,	1836	. . . . .	Pacific Ocean.
Erie,	8	Baltimore,	1813	†C. C. Turner,	do. do.
Lexington,	8	New York,	1825	. . . . .	New York.
Southampton,		Boston,	1836	†H. W. Morris,	Coast of Africa.

*Paixhan Guns.

VI. ARMY LIST.

WINFIELD SCOTT, *Major General, General-in-Chief*—Head Quarters, Washington City.

Colonel George Croghan, *Inspector General of the Army.*
R. Jones, *Brev. Brig. Gen. & Adjutant General.*
L. Thomas, *Major & Assistant do. do.*
W. G. Freeman, *Captain & Assistant do.*

FIELD OFFICERS OF REGIMENTS.

First Dragoons.

Colonel S. W. Kearny,
Lieut. Col. R. B. Mason,
Major Clifton Wharton.

Second Dragoons.

Col. D. E. Twiggs,
†Lieut. Col. W. S. Harney,
Major T. T. Fauntleroy.

First Artillery.

Col. I. B. Crane,
Lieut. Col. B. K. Pierce,
Major L. Whiting.

Second Artillery.

Col. James Bankhead,
†Lieut Col. A. C. W. Fanning,
Major John Erving.

†Colonel by brevet.

Third Artillery.

*Col. W. K. Armistead,
Lieut. Col. W. Gates,
Major W. L. McClintock.

Fourth Artillery.

Col. J. B. Walbach,
Lieut. Col. M. M. Payne,
Major F. S. Belton.

First Infantry.

Col. W. Davenport,
Lieut. Col. H. Wilson,
Major G. Dearborn.

Second Infantry.

*Col. Hugh Brady,
Lieut. Col. B. Riley,
Major J. Plympton.

Third Infantry.

Col. J. B. Many,
Lieut. Col. E. A. Hitchcock,
Major W. W. Lear.

Fourth Infantry.

Lieut. Col. John Garland,
Major Thomas Staniford.

Fifth Infantry.

*Col. G. M. Brooke,
Lieut. Col. J. S. McIntosh,
Major W. V. Cobbs.

Sixth Infantry.

*Col. Z. Taylor,
Lieut. Col. G. Loomis,
Major W. Hoffman.

Seventh Infantry.

*Col. M. Arbuckle,
Lieut. Col. W. Whistler,
Major Jacob Brown.

Eighth Infantry.

*Col. W. J. Worth,
Lieut. Col. N. S. Clarke,
†Major W. G. Belknap.

* Brigadier General by brevet. † Lieut. Colonel by brevet.

2. Militia Force of the United States.

Abstract of the United States Militia, from the Army Register for 1845.

States and Territories.	For what year.	General Officers.	General Staff Officers.	Field Officers &c.	Company Officers.	Total Commissioned Officers.	Non-commissioned Officers, Musicians, and Privates.	Aggregate.
Maine,	1844	26	95	540	1,659	2,320	42,345	44,665
N. Hampshire,	1844	12	39	335	1,241	1,627	27,527	29,154
Massachusetts,	1844	10	36	132	421	599	87,214	87,813
Vermont,	1843	12	51	224	801	1,088	22,827	23,915
Rhode Island,	1843	6	20	71	24	121	955	1,076
Connecticut,	1844	11	38	313	1,042	1,404	48,587	49,991
New York,	1842	135	863	2,590	6,574	10,162	170,725	180,887
New Jersey,	1829	19	58	435	1,476	1,988	37,183	39,171
Pennsylvania,	1844	55	221	1,856	5,875	8,007	232,166	240,173
Delaware,	1827	4	8	71	364	447	8,782	9,229
Maryland,	1838	22	68	544	1,768	2,397	44,467	46,864
Virginia,	1844	28	61	1,316	5,108	6,513	112,776	119,289
N. Carolina,	1841	28	67	723	2,969	3,787	62,524	66,311
S. Carolina,	1843	20	135	544	2,041	2,750	50,005	52,755
Georgia,	1839	36	98	746	2,212	3,092	54,220	57,312
Alabama,	1839	31	187	564	1,382	2,164	42,168	44,332
Louisiana,	1829	10	46	163	542	781	14,027	14,808
Mississippi,	1838	15	70	392	348	825	35,259	36,084
Tennessee,	1840	25	79	859	2,644	3,607	67,645	71,252
Kentucky,	1844	43	145	1,096	3,607	4,891	77,324	82,215
Ohio,	1841							160,268
Indiana,	1832	31	110	566	2,154	2,861	51,052	53,913
Illinois,	1841							83,234
Missouri,	1844	45	94	790	2,990	3,919	57,081	61,000
Arkansas,	1843	8	29	310	762	1,109	16,028	17,137
Michigan,	1844	28	157	382	2,116	2,683	56,990	59,673
Florida,	1831		1	9	33	43	784	827
Wisconsin T.,	1840	1	6	36	126	169	5,054	5,223
Iowa Ter.,								
D. Columbia,	1832	1	3	24	68	96	1,153	1,249
		662	2,785	15,661	50,342	69,450	1,426,868	1,759,810

3. Military Posts.

Posts.	State or Territory.	Post Office.	Permanent Commanders.	Regiment and Corps.
Fort Pickens, Fort McRee,	Florida,	Pensacola,	Maj. Jacob Brown,	7th infantry.
Fort Morgan,	Alabama,	Mobile,		
Fort Pike,	Louisiana,	Fort Pike,	Capt. Fran. Lee,	7th infantry.
Fort Wood,	do.	New Orleans,	Capt. Hawkins,	7th infantry.
N. Orl's Barracks,	do.	New Orleans,	Lt. Col. Whistler,	7th infantry.
Baton Rouge Bar'ks,	do.	Baton Rouge,	Capt. Bonneville,	7th infantry.
Fort Jesup,	do.	Fort Jesup,	Col. D. E. Twiggs,	2d dragoons.
Fort Towson,	Arkansas Ter.	Fort Towson,	Bt. Maj. Andrews,	6th infantry.
Fort Washita,	do.	do. do.	Bvt. Col. Harney,	2d dragoons.
Fort Gibson,	do.	Fort Gibson,	Lt. Col. Mason,	1st dragoons.
Fort Smith,	do.	Fort Smith,	Maj. Hoffman,	6th infantry.
Fort Scott,	Missouri Ter.,	Fort Scott,	Bt. Maj. Graham,	4th infantry.
Fort Leavenworth,	do.	Fort Leavenw'th,	Maj. C. Wharton,	1st dragoons.
Jefferson Barracks,	Missouri,	Jefferson Bar'ks,	Lt. Thompson,	1st dragoons.
Fort Des Moines,	Iowa Ter.,	Fairfield,	Capt. Jas. Allen,	1st dragoons.
Fort Atkinson,	do.	Prairie du Chien,	Maj. G. Dearborn,	1st infantry.
Fort Crawford,	Wisconsin T.,	do.	Lt. Col. Wilson,	1st infantry.
Fort Snelling,	Iowa Ter.,	Fort Snelling,	Capt. E. Backus,	1st infantry.
Fort Winnebago,	Wisconsin T.,	Fort Winnebago,	Capt. W. R. Jouett,	1st infantry.
Fort Wilkins,	Michigan,	Green Bay,	Capt. R. E. Clary,	5th infantry.
Fort Brady,	do.	Sault St. Marie,	Capt. A. Johnston,	5th infantry.
Fort Mackinac,	do.	Mackinac,	Capt. M. Scott,	5th infantry.
Fort Gratiot,	do.	Fort Gratiot,	Lt. Col. McIntosh,	5th infantry.
Detroit Barracks,	do.	Detroit,	B. B. Gen. Brooke,	5th infantry.
Buffalo Barracks,	New York,	Buffalo,	Lt. Col. Riley,	2d infantry.
Fort Niagara,	do.	Youngstown,	Capt. T. Morris,	2d infantry.
Fort Ontario	do.	Oswego,	Capt Barnum,	2d infantry.
Madison Barracks,	do.	Sacket's Harbor,	Maj. J. Plympton,	2d infantry.
Plattsburg Barracks,	do.	Plattsburg,	Capt. G. A. Waite,	2d infantry.
Fort Adams, Fort Wolcott,	Rhode Island,	Newport,	Lt. Col. Pierce,	1st artillery.
Fort Trumbull,	Connecticut,	New London,	Capt. Merchant,	2d artillery.
West Point,	New York,	West Point,	Maj. R. Delafield,	Engineers.
Fort Columbus, Fort Hamilton, Fort La Fayette,	New York Harbor, N. Y.,	New York, Fort Hamilton, do.	Col. J. Bankhead, Maj. John Erving, Capt. A. Lowd,	2d artillery. 2d artillery. 2d artillery.
Fort Mifflin,	Pennsylvania,	Philadelphia,	Capt. G. S. Drane,	2d artillery.
Carlisle Barracks,	do.	Carlisle,	Lt. Col. Payne,	4th artillery.
Hancock Barracks,	Maine,	Houlton,	Maj. L. Whiting,	1st artillery.
Fort Kent,	do.	Fort Kent,	Capt. Winder,	1st artillery.
Fort Sullivan,	do.	Eastport,	Capt. Van Ness,	1st artillery.
Fort Preble,	do.	Portland,	Capt. G. Porter,	1st artillery.
Fort Constitution,	N. Hampshire,	Portsmouth,	Bvt. Maj. Dimick,	1st artillery.
Fort Independence,	Massachusetts,	Boston,	Not garrisoned.	
Fort McHenry,	Maryland,	Baltimore,	B. Maj. Ringgold,	3d artillery.
Fort Severn,	do.	Annapolis,	Bvt. Maj. Gardner,	4th artillery.
Fort Washington,	do	Fort Washingt'n,	Not garrisoned.	
Fort Monroe,	Virginia,	Old P'nt Comfort,	Col. J. B. Walbach,	4th artillery.
Fort Johnston, Fort Caswell,	N. Carolina, do.	Smithville, do.	Bt. Lt. Col. Childs,	3d artillery.
Fort Macon,	do.	Beaufort,		
Fort Moultrie, Castle Pinckney,	Charleston Harbor, S. C.	Charleston,	Lt. Col. Gates,	3d artillery.
Ogleth'rpe Barracks,	Georgia,	Savannah,	Bvt. Maj. Wade,	3d artillery.
Fort Marion,	Florida,	St. Augustine,	Capt. Gwynne,	8th infantry.
Key West,	do.	Key West,	Capt. Ogden,	8th infantry.
Fort Brooke,	do.	Tampa Bay,	B. Lt. Col. Belknap,	8th infantry.

4. Military Geographical Divisions.

The *Western Division*, composed of the 1st, 2d, and 3d Military Departments, is situated within the following limits:

The country west of a line drawn from Fond du lac, Lake Superior, to Cape Sable, Florida, and embracing the part of Wisconsin Territory west of said line; Iowa Territory; the States of Illinois, Missouri, Kentucky, Tennessee, Arkansas, Louisiana, Mississippi, and Alabama; West Florida; and the Indian country west of the Mississippi River.

The *Eastern Division*, composed of the 5th, 6th, 7th and 8th Military Departments, comprises the following States: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, North Carolina, South Carolina, and Georgia.

The Head Quarters of the Army are at Washington, D. C.

The Head Quarters of the Western Division are at New Orleans, La.

The Head Quarters of the Eastern Division are at Troy, N. Y.

Military Geographical Departments.

No. 1. West Florida, Alabama, Mississippi, Louisiana, Tennessee, and Kentucky — Head Quarters, Fort Jesup, Louisiana.

No. 2. The country west of the Mississippi river, north of Louisiana and Texas, and south of the 37th degree of north latitude — Head Quarters, Fort Smith, Arkansas.

No. 3. The State of Missouri above the 37th degree of north latitude, Illinois, Iowa Territory, Wisconsin Territory west of the line drawn from Fond du lac, Lake Superior, to Cape Sable, Florida, and the frontier country north and west of the lines indicated — Head Quarters, St. Louis, Missouri.

No. 4. Indiana, Ohio, Michigan, and Wisconsin Territory east of the line drawn from Fond du lac, Lake Superior, to Cape Sable, Florida — Head Quarters, Detroit, Michigan.

No. 5. Vermont, Connecticut, New York, New Jersey, and Pennsylvania — Head Quarters, Fort Columbus, New York.

No. 6. Maine, New Hampshire, Massachusetts, and Rhode Island — Head Quarters, Portsmouth, New Hampshire.

No. 7. Delaware, Maryland, and Virginia — Head Quarters, Fort Monroe, Virginia.

No. 8. North Carolina, South Carolina, and Georgia — Head Quarters, Fort Moultrie, South Carolina.

No. 9. (temporary) East and Middle Florida — Head Quarters, St. Augustine, Florida.

VII. POST-OFFICE ESTABLISHMENT.

1. *Table of Mail Service for the Year preceding the* 1st *of July*, 1844, *as stated by the First Assistant Postmaster General.*

States and Territories.	Length of Routes.	Annual Transportation.			Total Transportation.	Total Cost.
		Horse and Sulky.	Stage and Coach.	Railroad and Steamboat.		
	Miles.	Miles.	Miles.	Miles.	Miles.	
Maine,	4,024	296,295	706,124	36,409	1,038,819	$69,507
N. Hampshire,	2,367	124,733	470,426	73,632	668,793	44,510
Vermont,	2,437	130,372	583,890	.....	714,262	46,231
Massachusetts,	3,340	236,254	885,227	510,556	1,632,037	120,053
Rhode Island,	363	15,444	74,256	29,952	119,652	10,365
Connecticut,	1,935	130,340	418,458	209,330	758,128	53,073
New York,	12,936	872,673	2,890,581	1,027,534	4,790,752	359,391
New Jersey,	2,050	109,709	403,626	220,228	733,563	62,019
Pennsylvania,	10,293	971,262	1,614,616	429,056	3,014,934	186,869
Delaware,	619	48,786	109,324	.....	158,110	8,303
Maryland,	2,322	226,680	280,072	373,290	880,042	147,028
Virginia,	10,056	1,042,092	895,592	402,447	2,340,131	198,669
N. Carolina,	7,301	566,248	650,940	347,272	1,564,460	175,026
S. Carolina,	4,490	333,476	521,768	149,240	1,004,484	112,124
Georgia,	6,385	470,730	639,912	285,948	1,396,590	147,043
Florida,	2,410	56,120	162,300	55,624	274,044	37,884
Ohio,	11,781	92,493	1,898,173	205,262	3,024,928	195,613
Michigan,	3,742	301,278	329,068	156,684	787,030	42,770
Indiana,	6,424	576,288	605,072	.....	1,181,360	69,102
Illinois,	7,010	377,986	1,024,384	35,776	1,438,146	120,449
Wisconsin,	1,951	137,072	83,834	.....	220,906	13,252
Iowa,	764	69,373	55,016	.....	154,389	7,817
Missouri,	8,686	470,668	503,010	390,000	1,422,678	68,317
Kentucky,	7,507	530,616	695,656	547,772	1,774,044	126,301
Tennessee,	6,743	542,148	661,532	.....	1,203,680	90,810
Alabama,	6,661	558,936	672,954	146,848	1,378,738	227,843
Mississippi,	4,394	550,916	332,072	38,064	921,052	95,611
Arkansas,	3,655	389,084	112,944	31,200	533,228	54,026
Louisiana,	2,041	227,916	7,488	45,240	280,644	39,543
Total,	144,687	11,373,952	18,288,317	5,747,355	35,409,624	2,938,551
Cost,		$577,703	$1,558,842	$802,006	$2,938,551	

2. *Post-Office Statistics for the year ending June* 30, 1844.

Number of Post-Offices supplied,		14,103
Increase of mail transportation over last year,		413,100
Receipts for the year, letter postage,	$3,676,161	
" " " " Newspaper postage,	547,743	
" " " " Fines,	135	
" " " " Miscellaneous,	11,245	
		$4,237,285
Mail depredations reported in three years,		1,934

3. *Number of Post-Offices, Extent of Post Roads, and Revenue and Expenditures of the Post-Office Department; with the amount paid to Postmasters and for transportation of the Mail.*

Year.	Number of Post Offices.	Extent of Post Roads.	Revenue of the Department.	Expenditures of the Department.	Amount paid for	
					Compen. of Postmasters.	Transporta. of the Mail.
		Miles.	Dollars.	Dollars.	Dollars.	Dollars.
1790	75	1,875	37,935	32,140	8,198	22,081
1795	453	13,207	160,620	117,893	30,273	75,359
1800	903	20,817	280,804	213,994	69,243	128,644
1805	1,558	31,076	421,373	377,367	111,552	239,635
1810	2,300	36,406	551,684	495,969	149,438	327,966
1815	3,000	43,748	1,043,065	748,121	241,901	487,779
1816	3,260	48,073	961,792	804,422	265,944	521,970
1817	3,459	52,089	1,002,973	916,515	303,916	589,189
1818	3,618	59,473	1,130,235	1,035,832	346,429	664,611
1819	4,000	67,596	1,204,737	1,117,961	375,828	717,981
1820	4,500	72,492	1,111,927	1,160,926	352,295	782,425
1821	4,650	78,808	1,059,087	1,184,283	337,599	815,681
1822	4,799	82,763	1,117,490	1,167,572	356,299	788,618
1823	4,043	84,960	1,130,115	1,156,995	360,462	767,464
1824	5,182	84,860	1,197,753	1,188,019	383,804	768,939
1825	5,677	94,052	1,306,525	1,229,043	411,183	785,646
1826	6,150	94,052	1,447,703	1,366,712	447,727	885,100
1827	7,003	105,336	1,524,633	1,468,959	496,411	942,345
1828	7,530	105,336	1,659,915	1,699,945	548,049	1,086,313
1829	8,004	115,000	1,707,418	1,782,132	559,237	1,153,646
1830	8,450	115,176	1,850,583	1,932,708	595,234	1,274,009
1831	8,686	115,486	1,997,811	1,936,122	635,028	1,252,226
1832	9,205	104,466	2,258,570	2,266,171	715,481	1,482,507
1833	10,127	119,916	2,617,011	2,930,414	826,283	1,894,638
1834	10,693	119,916	2,823,749	2,910,605	897,317	1,925,544
1835	10,770	112,774	2,993,356	2,757,350	945,418	1,719,007
1836	11,091	118,264	3,408,323	2,841,766	812,803	1,638,052
1837	11,767	141,242	4,100,605	3,303,428	891,352	1,996,727
1838	12,519	134,818	4,235,078	4,021,833	933,948	3,131,308
1839	12,780	133,999	4,477,614	4,654,718	980,000	3,285,622
1840	13,468	155,739	4,539,265	4,759,110	1,028,925	3,296,876
1841	13,778	156,026	4,379,296	4,443,768	1,018,645	3,159,375
1842	13,733	149,732	4,546,946	4,235,062	1,147,256	3,067,796
1843	13,614	142,295	4,295,925	4,374,713	1,426,394	2,947,319
1844	14,103	144,697	4,237,285	4,297,867	1,358,316	2,938,551

4. Rates of Postage.

For a letter, not exceeding half an ounce in weight, (avoirdupois,) sent not exceeding 300 miles,	5 cts.
Sent over 300 miles,	10
For every half ounce, and *any* excess over every half ounce, the same rates of postage; and when advertised, two cents on each letter; or *four* cents, if the advertising cost so much, additional.	
For drop letters (not to be mailed) each	2
For any printed circular, handbill, or advertisement, on quarto post, single cap, or paper not larger than single cap, unsealed, sent any distance,	2
For any pamphlet, magazine, periodical, or other matter of every kind, that is transmittable by mail, and has no written communication on it, of one ounce or less, or for a newspaper exceeding 1,900 square inches of surface,	2½
For each additional ounce, or an excess greater than a half ounce,	1
Newspapers of 1,900 square inches or less, sent by Editors or Publishers, from their offices of publication, any distance not exceeding 30 miles,	Free.
For any other newspaper, sent over 30, and not more than 100 miles, or any distance within the same State,	1
Sent over such distance,	1½

"Quarto post" is the size usually called letter paper, say about ten by eight inches to the page; "single cap" is the size commonly called writing paper, say thirteen by eight inches to the page.

Where the circular is on a sheet larger than single cap, it is to be rated as a pamphlet. As the postage on these articles is chargeable on each *copy*, postmasters will carefully examine all packets, and rate the postage accordingly.

When the article to be mailed is a circular, pamphlet, or newspaper, it should be so enveloped, or folded, that it can be distinctly seen at the office to be such, and also that it contain no writing, marks, or signs, to serve the purpose of written communications. If not done up so as to open at the end, it is to be charged as a letter, by weight.

No packet can be mailed which weighs more than three pounds. Bound books of any size are not included in the term "mailable matter," except books sent by Governors of States.

The establishment of private expresses for the conveyance of any letters, packets, or packages of letters, or other matter transmittable in the United States mail, (newspapers, pamphlets, magazines, and periodicals excepted,) from one city, town, or other place, to any other city, town, or place in the United States, between, and from and to, which the United States mail is regularly transported, under authority of the Post-Office

Department, is prohibited. So is the causing to be conveyed, or the providing for the conveyance or transportation, by regular trips, or at stated periods or intervals, as aforesaid, any letters, or other matter transmittable by mail as aforesaid, newspapers, pamphlets, magazines, and periodicals only excepted.

Every person offending against this provision, or aiding or assisting therein, or acting as such private express, shall forfeit and pay $150 for each time any letter or letters, packet or packages, or other matter properly transmittable by mail, (except newspapers, &c.) shall or may be by him, her, or them, or through his, her, or their means or instrumentality, in whole, or in part, conveyed.

This is not to prohibit the conveyance of letters, packets, or packages, or other matter by private hands, no compensation being tendered or received therefor in any way, or by special messenger employed only for the single particular occasion.

5. Privilege of Franking.

1. The President, ex-Presidents, and Mrs. Madison and Mrs. Harrison, retain the franking privilege, as regulated by former laws.

2. The Vice-President, members of Congress, and delegates from Territories

May transmit *public documents* free during their *official terms;*

May *send* and *receive free, letters, newspapers,* or *packets,* weighing under two ounces, during the session of Congress, and for thirty days before the commencement and thirty days after the close of any session;

May *receive* letters free, not weighing over two ounces, during the *recess.* This does not include the interval from the close of one Congress to the commencement of the next;

May transmit free *written letters from themselves the whole year*—that is, from sixty days before the commencement of any session until the meeting of the next Congress.

3. The Secretary of the Senate and the Clerk of the House of Representatives

May *send free* public documents during their official terms;

May *send* and *receive* free letters, newspapers, and packages, not weighing over two ounces, during the session of Congress, and for thirty days before and after;

May *send free letters written by themselves* during their official terms.

4. The governors of States may send free the laws, records, and documents of the legislature to the governors of other States.

5. The three assistant postmasters general

May *send free* letters, packages, or other matters relating exclusively to their official duties, or the business of the Post Office Department;

May *receive* all such letters and documents as relate to their own duties or that of the department, and have the postages remitted at the city post office.

6. Deputy postmasters may *send free* all such letters and packages as may relate exclusively to the business of their respective offices, and may have allowed all postages paid or charged to them in the settlement of their accounts.

7. Exchange newspapers between editors pass free.

8. Editors or publishers of newspapers may send their papers free within thirty miles of the place of publication.

9. Communications addressed to the officers of the government, heretofore having the franking privilege, touching the business of their respective offices, are to be paid for out of the contingent fund provided for their offices, or out of the treasury.

VIII. MINT.

Officers of the Mint at Philadelphia.

	Salary.		Salary.
R. M. Patterson, *Director*,	$3,500	J. R. McClintock, *Melter and Refiner*,	$2,000
Isaac Roach, *Treasurer*,	2,000		
Franklin Peale, *Chief Coiner*,	2,000	Jas. B. Longacre, *Engraver*,	2,000
J. Eckfeldt, *Assayer*,	2,000	W. C. Dubois, *Asst. Assayer*,	1,300

Officers of the Branch at New Orleans, La.

	Salary.		Salary.
J. M. Kennedy, *Superintend.*	2,500	Phil. B. Tyler, *Coiner*,	$2,000
Wm. P. Hort, *Assayer*,	2,000	John R. Macmurdo, *Treasurer*,	2,000
John L. Riddell, *Melt. & Refin.*	2,000		

Officers of the Branch at Dahlonega, Ga.

	Salary.		Salary.
J. F. Cooper, *Superintend.*	$2,000	Daniel H. Mason, *Coiner*,	$1,500
Isaac L. Todd, *Assayer*,	1,500		

Officers of the Branch at Charlotte, N. C.

	Salary.		Salary.
G. W. Caldwell, *Superintend.*	$2,000	John R. Bolton, *Coiner*,	$1,500
J. H. Gibbon, *Assayer*,	1,500		

1. *Statement of the Deposits for Coinage, at the Mint of the United States and its Branches, in the year* 1844.

Gold.		
From Mines in the United States,	$967,200	
Coins of the United States, old standard,	32,872	
Foreign coins,	4,263,640	
Foreign Bullion,	119,417	
Total of Gold,		5,383,129
Silver.		
Bullion from the United States,	$30,847	
Foreign Bullion,	84,176	
Foreign Coins,	2,160,519	
Total of Silver,		2,275,492
Total,		7,658,621

2. *Statement of the Coinage of the Mint of the United States and Branches, in the Year* 1844.

Denominations.	Pieces.	Value.	Denominations.	Pieces.	Value.
Gold.			*Silver.*		
Eagles,	125,061		Dollars,	20,000	
Half Eagles,	817,583		Half Dollars,	3,771,000	
Quart'r Eagles,	35,736		Quar. Doll's,	1,161,200	
		5,428,230.00	Dimes,	72,500	
Copper.			Half Dimes,	650,000	2,235,550.00
Cents,	2,396,752	23,987.52	Total,		7,687,767.00

3. *Coinage of the Mint of the United States, from* 1792, *including the coinage of the branch mints from the commencement of their operations, in* 1838.

Years	GOLD. Value.	SILVER. Value.	COPPER. Value.	WHOLE COINAGE. No. of Pieces.	WHOLE COINAGE. Value.
'93-5	$71,485 00	$370,683 80	$11,373 00	1,834,420	$453,541 80
1796	102,727 50	79,077 50	10,324 40	1,219,370	192,129 40
1797	103,422 50	12,591 45	9,510 34	1,095,165	125,524 29
1798	205,610 00	330,291 00	9,797 00	1,368,241	545,698 00
1799	213,285 00	423,515 00	9,106 68	1,365,681	645,906 68
1800	317,760 00	224,296 00	29,279 40	3,337,972	571,335 40
1801	422,570 00	74,758 00	13,628 37	1,571,390	510,956 37
1802	423,310 00	58,343 00	34,422 83	3,615,869	516,075 83
1803	258,377 50	87,118 00	25,203 03	2,780,830	370,698 53
1804	258,642 50	100,340 50	12,844 94	2,046,839	371,827 94
1805	170,367 50	149,388 50	13,483 48	2,260,361	333,239 48
1806	324,505 00	471,319 00	5,260 00	1,815,409	801,084 00
1807	437,495 00	597,448 75	9,652 21	2,731,345	1,044,595 96
1808	284,665 00	684,300 00	13,090 00	2,935,888	982,055 00
1809	169,375 00	707,376 00	8,001 53	2,861,834	884,752 53
1810	501,435 00	638,773 50	15,660 00	3,056,418	1,155,868 50
1811	497,905 00	608,340 00	2,495 95	1,649,570	1,108,740 95
1812	290,435 00	814,029 50	10,755 00	2,761,646	1,116,219 50
1813	477,140 00	620,951 50	4,180 00	1,755,331	1,102,271 50
1814	77,270 00	561,687 50	3,578 30	1,833,859	642,535 80
1815	3,175 00	17,308 00	....	69,867	20,483 00
1816	....	28,575 75	28,209 82	2,888,135	56,785 57
1817	....	607,783 50	39,484 00	5,163,967	647,267 50
1818	242,940 00	1,070,454 50	31,670 00	5,537,084	1,345,064 50
1819	258,615 00	1,140,000 00	26,710 00	5,074,723	1,425,325 00
1820	1,319,030 00	501,680 70	44,075 50	6,492,509	1,864,786 20
1821	189,325 00	825,762 45	3,890 00	3,139,249	1,018,977 45
1822	88,980 00	805,506 50	20,723 39	3,813,788	915,509 89
1823	72,425 00	895,550 00	....	2,166,485	967,975 00
1824	93,200 00	1,752,477 00	12,620 00	4,786,894	1,858,297 00
1825	156,385 00	1,564,583 00	14,926 00	5,178,760	1,735,894 00
1826	92,245 00	2,002,090 00	16,344 25	5,774,434	2,110,679 25
1827	131,565 00	2,869,200 00	23,577 32	9,097,845	3,024,342 32
1828	140,145 00	1,575,600 00	25,636 24	6,196,853	1,741,381 24
1829	295,717 50	1,094,578 00	16,580 00	7,674,501	2,306,875 50
1830	643,105 00	2,495,400 00	17,115 00	8,357,191	3,155,620 00
1831	714,270 00	3,175,600 00	33,603 60	11,792,284	3,923,473 60
1832	798,435 00	2,579,000 00	23,620 00	9,128,387	3,401,055 00
1833	978,550 00	2,759,000 00	28,160 00	10,307,790	3,765,710 00
1834	3,954,270 00	3,415,003 00	19,151 00	11,637,643	7,388,423 00
1835	2,186,175 00	3,443,003 00	39,489 00	15,996,342	5,668,667 00
1836	4,135,700 00	3,606,100 00	23,100 00	13,719,333	7,764,900 00
1837	1,148,305 00	2,096,010 00	55,583 00	13,010,721	3,299,898 00
1838	1,809,595 00	2,333,243 00	63,702 00	15,780,311	4,206,540 00
1839	1,355,835 00	2,189,296 00	31,286 61	11,811,594	3,576,467 61
1840	1,675,302 50	1,726,703 00	24,627 00	10,558,240	3,426,632 50
1841	1,091,597 50	1,132,750 00	15,973 67	8,811,968	2,240,321 17
1842	1,834,170 50	2,332,750 00	23,833 90	11,743,153	4,190,754 40
1843	8,108,797 50	3,834,750 00	24,283 20	14,640,582	11,967,830 70
1844	5,428,230 00	2,235,550 00	23,987 52	9,051,834	7,687,767 52
	44,553,918 00	64,620,234 90	1,003,608 48	293,299,905	110,177,761 38

IX. PUBLIC LANDS.

[From the Land Commissioners' Report for 1844.]

1. *Statement of Public Lands sold, and of Payments into the Treasury on account thereof, in the year* 1843.

States and Territories.	Lands sold, after deducting erroneous entries.		Amount received in Cash, Treasurer's Receipts, and Treasury Notes.			Amount paid into the Treasury during the Year.
	Acres.	Purchase Money.	Cash.	Treasurer's Receipts.	Treasury Notes.	
Ohio,	13,338.56	$19,348.31	$19,279.56	.....	.....	$15,855.75
Indiana,	50,545.83	63,243.01	61,313.87	.....	$152.48	53,958.13
Illinois,	409,767.53	512,276.36	492,925.76	$800.00	8,570.40	472,675.95
Missouri,	436,241.18	545,314.55	537,794.83	500.00	5,325.97	535,628.91
Alabama,	178,228.01	222,574.62	217,543.05	....	3,792.17	251,491.43
Mississippi,	34,500.06	43,133.63	43,133.63	.....	.....	42,669.90
Louisiana,	102,986.29	130,137.46	121,283.67	400.00	8,453.79	122,404.55
Michigan,	12,594.23	16,224.73	16,224.73	.....	.....	21,299.18
Arkansas,	47,622.18	59,580.48	49,270.52	.....	10,200.96	47,472.60
Wisconsin,	167,746.30	214,294.00	214,002.83	.....	291.17	251,575.83
Iowa,	143,375.86	179,219.81	176,244.55	.....	2,675.26	176,181.13
Florida,	8,318.03	10,397.34	10,322.34	.....	.....	6,114.45
Total,	1,605,264.06	2,016,044.30	1,959,339.34	1,700.00	39,471.20	* 1,997,351.57

* Including $23,76, paid by John Hall, receiver, late Zanesville district.

2. *Statement of Public Lands sold, and of Payments into the Treasury, on account thereof, in the* 1st *and* 2d *quarters of the year* 1844.

States and Territories.	Lands sold, after deducting erroneous entries.		Amount received in Cash, Treasurer's Receipts, and Treasury Notes.			Amount paid into the Treasury dur'g the 1st and 2d quarters of the Year.
	Acres.	Purchase Money.	Cash.	Treasurer's Receipts.	Treasury Notes.	
Ohio,	15,746.11	$20,324.57	$15,019.07	.....	.....	$11,251.01
Indiana,	49,469.84	61,840.45	61,170.25	.....	$52.33	49,211.20
Illinois,	204,898.82	256,292.78	246,286.46	$200.00	207.36	254,439.47
Missouri,	194,591.65	243,306.00	238,202.76	.....	3,503.24	257,841.82
Alabama,	40,861.32	51,076.87	50,090.72	.....	.....	65,375.69
Mississippi,	16,489.86	20,612.58	20,612.58	.....	.....	23,535.89
Louisiana,	57,878.19	74,610.55	63,582.62	1,200.00	9,827.93	90,551.68
Michigan,	9,585.17	12,618.26	12,618.26	.....	.....	11,411.79
Arkansas,	21,648.25	27,060.60	26,900.91	.....	159.69	29,554.52
Wisconsin,	95,894.45	122,594.74	121,788.29	.....	56.45	106,621.85
Iowa,	53,937.54	67,421.91	67,221.91	.....	.....	55,382.85
Florida,	5,196.15	6,570.17	6,570.17	.....	.....	4,998.57
Total,	766,187.45	964,329.48	930,064.00	1,400.00	13,807.00	960,406.34

3. *Statement of Public Lands sold, and of Payments into the Treasury on account thereof, in the third quarter of the year* 1844.

States and Territories.	Lands sold, after deducting erroneous entries.		Amount received in Cash, Treasurer's Receipts, and Treasury Notes.			Amount paid into the Treasury during the third quarter of the Year.
	Acres.	Purchase Money.	Cash.	Treasurer's Receipts.	Treasury Notes.	
Ohio,	11,199.70	$14,149.67	$13,849.67	.....	.....	$14,870.93
Indiana,	20,521.15	25,651.43	25,526.43	.....	.....	31,792.30
Illinois,	151,329.08	190,913.14	186,877.54	.....	$318.10	160,693.34
Missouri,	75,619.11	94,568.77	94,468.77	.....	.....	41,345.73
Alabama,	18,888.48	23,610.71	23,433.36	.....	.....	9,226.48
Mississippi,	3,883.27	4,854.32	4,854.32	.....	.....	3,524.23
Louisiana,	9,257.10	11,571.37	11,571.37	.....	.....	17,034.74
Michigan,	6,032.69	7,658.94	7,658.94	.....	.....	6,220.09
Arkansas,	9,762.95	12,203.71	12,103.71	.....	.....	9,471.08
Wisconsin,	77,726.56	98,954.89	98,954.89	.....	.....	106,646.37
Iowa,	24,726.83	30,908.55	30,908.55	.....	.....	33,070.63
Florida,	2,201.34	2,901.67	2,901.67	.....	.....	1,006.12
Total,	411,148.26	517,947.17	513,109.22	.....	318 10	434,902.04

4. *Quantity of Public Land sold, and the amount paid in each Year, from* 1833 *to the* 30*th of June*, 1844, *inclusive.*

States and Territories.	1833.		1834.		1835.	
	Acres.	Dollars.	Acres.	Dollars.	Acres.	Dollars.
Ohio,	551,153·59	692,426·09	478,847·24	600,561·75	661,435.59	826,224·44
Indiana,	554,681·78	693,522·40	673,656·44	842,170·84	1,566,004·85	2,075,571·56
Illinois,	360,240·51	450,242·70	354,013·47	439,613·82	2,096,029·29	2,604,698·47
Mo.	226,285·68	296,522·58	253,791·70	320,978·62	662,160·47	828,121·81
Ala.	451,319·73	565,818·90	1,072,457·63	1,444,299·31	1,557,007·57	1,985,449·26
Mp.	1,121,494·97	1,531,390·31	1,064,054·91	1,470,323·40	2,931,181·15	3,835,625·55
La.	89,441·18	111,809·34	82,570·88	104,813·39	325,955·85	407,445·41
Mich.	447,780·17	563,264·92	512,760·13	643,826·49	1,817,247·81	2,271,575·17
Ark.	41,859·43	52,924·42	149,756·46	213,020·64	630,027·75	787,927·99
Wiscon.					217,543·91	316,709·07
Florida,	11,970·52	14,963·18	16,309·85	20,372·78	48,364·31	60,455·38
Total,	3,856,227·56	4,972,284·84	4,658,218·71	6,099,981·04	12,564,478·85	15,999,804·11

States and Territories.	1836.		1837.		1838.	
	Acres.	Dollars.	Acres.	Dollars.	Acres.	Dollars.
Ohio,	1,282,991·80	1,663,116·56	470,420.72	588,564·39	243,095·87	303,945·78
Indiana,	3,245,344·13	4,061,492·68	1,249,817·97	1,564,653·06	602,424·54	753,419·27
Illinois,	3,199,708·64	4,000,294·36	1,012,849·10	1,266,118·21	778,560·32	987,170·27
Mo.	1,655,687·66	2,071,204·35	663,987·75	830,095·15	510,123·32	642,087·13
Ala.	1,901,409·00	2,377,573·78	381,773·96	477,219·02	159,969·13	204,935·66
Mp.	2,023,709·69	2,531,282·59	256,354·10	320,660·04	271,074·88	339,060·92
La.	879,456·06	1,099,323·58	230,952·59	288,692·24	164,178·16	216,330·03
Mich.	4,189,223·12	5,241,228·70	773,522·31	969,071·10	97,533·72	121,929·53
Ark.	963,535·12	1,204,544·20	281,915·45	353,063·24	156,971·63	197,587·49
Wiscon.	646,133·73	808,932·32	178,783·45	223,479·45	87,256·31	109,416·14
Iowa,					274,605·07	343,664·26
Florida,	87,071·97	108,839·94	100,725·72	125,907·14	68,814·47	86,018·16
Total,	20,074,870·92	25,167,833·06	5,601,103·12	7,007,523·04	3,414,907·42	4,305,564·64

States and Territories.	1839.		1840.		1841.	
	Acres.	Dollars.	Acres.	Dollars.	Acres.	Dollars.
Ohio,	242,444·76	315,559.53	33,059·43	41,327.47	43,613.71	59,589.66
Indiana,	618,748·31	773,998.95	118,868·53	148,645·20	93,882.96	117,425.40
Illinois,	1,132,876·31	1,445,766.91	389,275·45	486,647·33	335,553.00	419,755.30
Mo.	1,038,065·83	1,304,718·69	572,498·34	716,210·14	269,471.91	336,843.84
Ala.	121,935·81	152,728·30	56,784·58	71,020·59	50,705.38	64,332.81
Mp.	17,787·23	22,234·68	19,174·82	23,968·96	21,635.85	27,044.81
La.	509,307·11	822,080·45	189,228·51	228,884·01	95,111.95	119,305.05
Mich.	134,984·02	175,008·66	26,106·21	32,632·77	18,167.59	22,709.87
Ark.	154,858·74	188,710·05	110,610·37	138,360·14	54,860.75	68,831.78
Wiscon.	650,722·82	819,909·90	127,796·34	159,848·48	101,731.17	127,446.31
Iowa,	298,152·31	373,180·46	567,882·48	710,099·09	73,673.17	92,103.39
Florida,	56,499·62	70,660·20	25,602·68	32,003·35	6,388.67	7,985.84
Total,	4,976,382·87	6,464,556·79	2,236,889·74	2,789,637·53	1,164,796.11	1,463,364.06

States and Territories.	1842.		1843.		First two quarters of 1844.	
	Acres.	Dollars.	Acres.	Dollars.	Acres.	Dollars.
Ohio,	35,715·58	47,390·75	13,338·56	19,348·31	15,746·11	20,324·57
Indiana,	55,795·31	69,748·09	50,545·83	63,243·01	49,469·84	61,840·45
Illinois,	437,404·20	546,834·93	409,767·53	512,276·36	201,898·82	256,292·78
Mo.	158,330·86	197,633·72	436,241·18	545,314·55	194,591·65	243,306·00
Ala.	118,827·24	148,534·17	178,228·01	222,874·62	40,861·32	51,076·87
Mp.	43,966·15	54,958·45	34,500·06	43,133·63	16,489·86	20,612·58
La.	45,360·38	56,700·44	102,966·29	130,137·46	57,878·19	74,610·55
Mich.	25,000·16	34,250·21	12,594·23	16,224·73	9,585·17	12,618·26
Ark.	24,391·29	30,489·18	47,622·18	59,580·48	21,648·35	27,060·60
Wiscon.	127,595·58	163,776·60	167,746·30	214,294·00	95,884·45	122,594·74
Iowa,	50,997·72	63,747·13	143,375·66	179,219·81	53,937·54	67,421·91
Florida,	5,533·11	6,916·39	8,318·03	10,397·34	5,196·15	6,570·17
Total,	1,129,217·58	1,417,972·06	1,605,264·06	2,016,044·30	766,187·45	964,329·48

X. REVENUE AND EXPENDITURE.

[From a Report of the Secretary of the Treasury, December 16, 1844.]

1. *Statement of duties, revenues, and public expenditures from Jan.* 1 *to July* 1, 1843, *and during the fiscal year ending June* 30, 1844.

The receipts into the treasury were as follows:	Six mos. of 1843.	Year ending June 30, 1844.
From customs, viz—		
During the first quarter,	$2,940,804 16	$6,132,272 09
During the second quarter,	4,106,039 75	3,881,993 47
During the third quarter,		7,675,366 40
During the fourth quarter,		8,493,938 98
Total customs,	7,046,843 91	26,183,570 94
From sales of public lands,	897,818 11	2,059,939 80
From miscellaneous sources,	120,663 44	261,007 94
Total receipts, exclusive of loans, &c.,	8,065,325 46	28,504,518 68

	Six mos. of 1843.	Year ending June 30, 1844.
Treasury notes under act of Jan. 31, 1842,	45,350 00	
Treasury notes under act of Aug. 31, 1842,	617,000 00	
Treasury notes under act of March 3, 1843,		1,806,950 00
Avails of loans of 1841, and 1842,	4,883,358 36	
Avails of loan of March 3, 1843,	6,934,000 00	70,231 35
Total from notes and loans,	12,479,708 36	1,877,181 35
Total means,	20,545,033 82	30,381,700 03
Balance in the Treasury, July 1, 1843,		10,434,507 55
Grand total,		40,816,207 58
The expenditures, exclusive of trust funds, were as follows:		
Civil List.		
Legislature,	335,183 92	856,874 84
Executive,	440,898 82	840,752 92
Judiciary,	287,058 04	550,477 18
Governments in the Territories,	79,260 92	101,736 04
Surveyors and their clerks,	33,309 93	51,451 28
Officers of the Mint and branches,	19,050 00	47,100 00
Commissioner of the Public Buildings,	1,419 44	2,000 00
Secretary to sign patents,	750 00	1,500 00
Total civil list,	1,196,931 07	2,451,892 26
Foreign Intercourse.		
Salaries of ministers,	33,507 29	69,566 06
Salaries of secretaries of legation,	7,850 00	13,246 00
Salaries of chargés des affaires,	25,325 00	46,813 36
Salary of minister resident to Turkey,	2,765 00	3,000 00
Outfits of ministers and chargés des affaires,		9,000 00
Salary of dragoman to Turkey, and contingencies,	1,952 55	1,850 00
Contingent expenses of all the missions abroad	23,557 37	26,327 72
Expenses incurred by the legation to Mexico, in relation to prisoners,	810 75	
Contingent expenses of foreign intercourse,	8,000 00	26,064 67
Expenses of forwarding the mails, &c. between Chagres and Panama,		250 00
Salary of the consuls at London and Paris,	1,007 06	2,000 00
Relief and protection of American seamen,	27,867 02	81,853 74
Clerk-hire, office-rent, &c., to American consul, London,	1,400 00	2,800 00
Intercourse with Barbary powers,	4,803 87	6,394 24
French seamen killed or wounded at Toulon,		1,000 00
Interpreters, guards, &c, at the consulates in Turkish dominions,		3,000 00
Payments under the 9th article of treaty with Spain,		1,273 00
Outfit of chargé d'affaires to Denmark,	4,500 00	
To establish commercial relations with China,	40,000 00	
Compensation for certain diplomatic services,	15,081 49	
To commissioner to Sandwich Islands,	2,150 00	850 00
Extra compensation to late Smithsonian ag't,	3,815 73	
Total foreign intercourse,	204,393 13	295,288 79

Miscellaneous.	Six mos. of 1843.	Year ending June 30, 1844.
Surveys of public lands,	23,901 51	122,388 62
Support and maintenance of light-houses, &c.,	$184,548 46	302,487 25
Marine hospital establishment,	50,134 54	65,741 72
Public buildings, &c., in Washington,	21,698 60	46,146 03
Furniture of the President's house,		549 63
Support of the penitentiary,	4,500 00	12,500 00
Sixth census,	26,752 14	923 49
Patent fund,	19,925 00	39,353 28
Distribution of the sales of public lands,	83,233 79	15,301 09
Payment to Maine and Massachusetts for expenses incurred in protecting the heretofore disputed territory on the north-eastern frontier of the United States,		206,934 79
To meet the engagements of the Post-Office Department,	21,303 00	
Public buildings in Iowa territory,	14,400 00	
Printing, &c., ordered by Congress,	41,618 00	
Building custom houses, &c.,	25,571 64	96,395 66
Survey of the coast of the United States,	26,300 00	95,000 00
Mint establishment,	33,020 00	78,875 00
Relief of sundry individuals,	72,078 77	138,704 67
Miscellaneous claims unprovided for,	904 75	5,358 46
Survey of the northeastern boundary line,	21,382 05	28,500 00
Insane hospital for the District of Columbia,	7,000 00	
Removal of the statue of Washington,	2,500 00	2,500 00
Auxiliary watch in the city of Washington,	3,416 57	6,490 74
Expenses incidental to the issue of treasury notes,	1,581 04	2,000 00
Expenses incidental to the loans,	11,346 79	2,300 00
Support of lunatics of the Dist. of Columbia,	500 00	
Three and five per cents. to certain States,	10,492 31	38,021 04
Two per cent. fund to Alabama,		103,884 77
Two per cent. fund to Mississippi,		710 65
Relief of the cities of the Dist. of Columbia,	93,560 64	124,260 92
Debentures and other charges,	2,450 00	277,327 04
Additional compensation to collectors, &c.,	100,923 85	17,779 58
Payment of horses, &c., lost,	28,596 69	11,315 22
Duties refunded under protest,	143,478 78	452,898 18
Repayment for lands erroneously sold,	7,712 59	18,358 82
Refunding purchase money for land sold in the Greensburg district, Louisiana,		98,746 86
Documentary history of the American revolution,	34,468 00	
To Maine and Massachusetts under treaty of Washington,	300,000 00	
Sales of lands ceded by Ottowa Indians,	20,679 90	
Testing the electro-magnetic telegraphs,	8,000 00	17,500 00
Results and acc't of the exploring expedition,	5,000 00	30,000 00
Preserving the botanical and horticultural specimens brought home by the exploring expedition,		1,200 00
Preparing indices to the manuscript papers of Washington,		1,108 00
Information respecting foreign commerce,		3,000 00
Registers for ships and vessels,		2,000 00

	Six mos. of 1843.	Year ending July 30, 1845.
Clerk to commissioners, and expenses incurred by the collector of New York, in relation to goods destroyed by fire,		7,005 99
Payment of books ordered by Congress,		5,444 76
All other items of a miscellaneous nature,	12,985 12	5,553 21
Total miscellaneous,	1,465,964 53	2,484,565 47
Under the direction of the War Department.		
Army proper,	1,693,274 73	3,053,294 53
Military academy,	63,605 10	123,195 27
Fortifications, and other works of defence,	404,083 78	705,980 44
Armories, arsenals, and munitions of war,	328,203 94	610,827 43
Harbors, roads, rivers, &c.,	104,698 68	263,629 51
Surveys,	21,472 00	55,210 56
Light-houses and marine hospitals,	4,667 04	
Pensions,	836,277 36	2,013,072 63
Indian Department,	444,565 30	1,021,500 18
Claims of the State of Virginia,	$6,572 50	18,404 78
Arming and equipping the militia,	84,540 75	176,941 37
Payments to militia and volunteers,	109,649 34	174,819 62
Relief of sundry individuals,	56,753 79	14,440 91
Total under direction of the War Dep't,	4,158,384 31	8,231,317 23
Under the Direction of the Navy Department.		
Pay and subsistence, including medicines, &c.,	2,079,546 42	4,145,087 35
Increase, repairs, armament and equipment,	916,172 35	1,315,727 54
Contingent expenses,	339,505 63	540,326 76
Navy yards,	67,055 60	141,010 75
Navy hospitals and asylum,	13,245 59	15,212 00
Magazines,	306 00	780 01
Survey of the coast from Apalachicola bay to the mouth of the Mississippi,	3,923 53	
Arranging, preserving, &c., collections made by the exploring expedition,	2,000 00	
Suppression of the slave trade,	2,000 00	
Relief of sundry individuals,	1,324 76	18,512 00
Marine corps,	203,077 79	303,499 81
Pensions to invalids, widows, &c.,	21,449 00	16,834 43
Survey of the harbor of Memphis, Tenn.,	111 12	
Building depot of charts,	3,000 00	
Use of Babbitt's anti-attrition metal,	20,000 00	
Total under direction of the Navy Dep't,	3,672,717 79	6,496,990 65
Public Debt.		
Paying the old public debt,	5,224 32	46,077 75
Interest on the loans of 1841, 1842, and 1843,	386,187 88	1,222,857 03
Redemption of Treasury notes,	332,788 32	11,118,828 42
Interest on Treasury notes,	137,406 95	611,010 34
Total public debt,	861,607 47	12,998,773 54
Total expenditures,	11,559,998 30	32,958,827 94
Balance in the Treasury, July 1, 1844,		7,857,379 64

2. *Statement of Duties, Revenues, and Public Expenditures, for the first quarter of the fiscal year from July 1 to September 30, 1844, exclusive of trust funds.*

Receipts.

From Customs,		$10,873,718 04
Sales of public lands,		434,902 04
Miscellaneous and incidental sources,		27,839 16
		11,336,459 24

Expenditures.

For civil list, miscellaneous, and foreign intercourse,	1,411,052 05
Army proper,	1,245,682 75
Fortifications, ordnance, arming militia, &c.,	200,627 24
Indian department,	907,968 76
Pensions,	923,717 50
Naval establishment,	1,906,206 89
Interest &c., public debt,	81,404 62
Redemption of part of loan of 1841,	234,600 00
Redemption of treasury notes, and interest,	322,584 61
	7,233,844 42

3. *Statement of the Debt of the United States, December* 1, 1844.

1. Of the (old) funded debt, being unclaimed principal and interest, returned from the late loan offices,		$156,174 51
2. Outstanding certificates, and interest to 31st December, 1798, of the (old) unfunded debt, payable on presentation,		22,003 56
3. Treasury notes issued during the late war, payable on presentation,		4,317 44
4. Certificates of Mississippi stock, payable on presentation,		4,320 09
5. Debts of the corporate cities of the District of Columbia, assumed by the United States, viz:		
Of the city of Washington,	$840,000 00	
Alexandria,	210,000 00	
Georgetown,	210,000 00	
		1,260,000 00
6. Loans,		
viz: Under the act of 21st July, 1841, redeemable 1st January, 1845,	5,143,026 88	
Under the act of 15th April, 1842, redeemable 1st January, 1863,	8,343,886 03	
Under the act of 3d March, 1843, redeemable 1st July, 1853,	7,004,231 35	
		20,491,144 26
7. Outstanding treasury notes:		
Of the several issues prior to 31st August, 1843,	626,063 17	
Of notes issued and paid out under the act of the 3d of March, 1843,	1,286,650 00	
		1,912,713 17
Total debt,		$23,850,673 03

4. *Statement of the Receipts into the National Treasury, from Customs, Internal Revenue and Direct Taxes, and Sales of Public Lands, fractions of a dollar being excluded.*

Years.	Customs.	Internal and direct taxes.	Sales of lands and miscellaneous.	Aggregate of Receipts	
				In each year.	In each period of four years.
1789–91	$4,399,473			$4,399,473	
1792	3,443,071	$208,943		3,652,014	$8,051,487
1793	4,255,306	337,706		4,593,012	
1794	4,801,065	274,090		5,075,155	
1795	5,588,461	337,755		5,926,216	
1796	6,567,988	475,290	$4,836	7,048,114	22,642,497
1797	7,549,650	575,491	83,541	8,208,682	
1798	7,106,062	644,358	11,963	7,762,383	
1799	6,610,449	779,136		7,389,585	
1800	9,080,933	1,543,620	444	10,624,997	33,985,647
1801	10,750,779	1,582,377	167,726	12,500,882	
1802	12,438,236	828,464	188,628	13,455,328	
1803	10,479,418	287,059	165,676	10,932,153	
1804	11,098,565	101,139	487,527	11,687,231	48,575,694
1805	12,936,487	43,631	540,194	13,520,312	
1806	14,667,698	75,965	765,246	15,508,809	
1807	15,845,522	47,784	466,163	16,359,469	
1806	16,363,550	27,370	647,939	17,038,859	62,427,449
1809	7,296,021	11,562	442,252	7,749,835	
1810	8,583,309	19,879	696,549	9,299,737	
1811	13,313,223	9,962	1,040,238	14,363,423	
1812	8,956,778	5,762	710,428	9,674,968	41,087,963
1813	13,224,623	8,561	835,655	14,068,839	
1814	5,998,772	3,882,482	1,135,971	11,017,225	
1815	7,282,942	6,840,733	1,287,959	15,411,634	
1816	36,306,875	9,378,344	1,717,985	47,403,204	87,900,902
1817	26,283,348	4,512,288	1,991,226	32,786,862	
1818	17,176,385	1,219,613	2,606,565	21,002,563	
1519	20,283,609	313,244	3,274,423	23,871,276	
1820	16,005,612	137,847	1,635,872	16,779,331	94,440,032
1821	13,004,447	96,377	1,212,966	14,315,790	
1822	17,589,762	68,617	1,803,582	19,481,961	
1823	19,088,433	44,590	916,523	20,049,536	
1824	17,878,396	40,565	964,418	18,903,609	72,750,896
1825	20,098,714	28,102	1,216,090	21,342,906	
1826	23,341,332	28,228	1,393,785	24,763,345	
1827	19,712,283	22,513	1,496,945	21,230,641	
1828	23,205,524	19,671	1,018,309	24,243,504	91,580,396
1829	22,681,966	25,838	1,517,175	24,224,979	
1830	21,922,391	29,141	2,329,356	24,280,888	
1831	24,224,442	17,440	3,210,815	27,452,697	
1832	28,465,237	18,422	2,623,381	31,107,040	107,065,604
1833	29,032,509	3,153	3,967,682	33,003,344	
1834	16,214,957	4,216	4,857,601	21,076,774	
1835	19,391,311	14,723	4,757,601	34,163,635	
1836	23,409,940	1,099	4,877,180	48,288,219	136,531,972
1837	11,165,970		6,863,556	18,029,526	
1838	16,155,455		3,214,184	19,369,639	
1839	23,136,397		7,261,118	30,397,515	
1840	13,496,834		3,494,356	16,991,191	84,787,872
1841	14,461,998		1,470,295	15,952,293	
1842	18,176,721		1,434,878	19,611,599	
6 mos. of '43	7,046,844		1,018,482	8,065,326	
*1844	20,183,571		2,320,948	28,504,519	72,133,737

* For the year ending June 30, 1844.

5. *Statement of the Expenditures of the United States, exclusive of payments on account of the Public Debt, and from Trust Funds, fractions excluded.*

Years.	Civil list, foreign intercourse, and miscel'neous.	Military establishment.	Naval establishment.	Aggregate of Expenditures	
				In each year.	In each period of four years.
1789–91	$1,083,401	$835,618	$570	1,919,589	
1792	654,257	1,223,594	53	1,877,904	$3,797,493
1793	472,450	1,237,620		1,710,070	
1794	705,598	2,733,540	61,409	3,500,547	
1795	1,367,037	2,573,059	410,562	4,350,658	
1796	772,485	1,474,661	274,784	2,521,930	12,063,205
1797	1,246,904	1,194,055	382,632	2,823,591	
1798	1,111,039	2,130,837	1,381,348	4,623,223	
1799	1,039,392	2,562,693	2,858,082	6,480,167	
1800	1,337,613	2,625,041	3,448,716	7,411,370	21,338,351
1801	1,114,768	1,755,477	2,111,424	4,981,669	
1802	1,462,929	1,356,589	915,562	3,737,080	
1803	1,842,636	944,958	1,215,231	4,002,825	
1804	2,191,009	1,072,017	1,189,833	4,452,859	17,174,433
1805	3,768,588	991,136	1,597,500	6,357,224	
1806	2,991,037	1,540,431	1,649,641	6,081,109	
1807	1,697,897	1,564,611	1,722,064	4,984,572	
1808	1,423,266	3,196,985	1,884,068	6,504,339	23,927,244
1809	1,215,804	3,771,109	2,427,759	7,414,672	
1810	1,101,145	2,555,693	1,654,244	5,311,082	
1811	1,367,291	2,259,747	1,965,566	5,592,604	
1812	1,663,088	12,187,046	3,959,365	17,829,499	36,147,857
1813	1,729,435	19,906,362	6,446,600	28,082,397	
1814	2,208,029	20,608,366	7,311,291	30,127,686	
1815	2,898,871	15,394,700	8,660,000	26,953,571	
1816	2,989,742	16,475,412	3,908,278	23,373,432	108,537,086
1817	3,518,937	8,621,075	3,314,598	15,454,610	
1818	3,835,639	7,019,140	2,953,695	13,808,674	
1819	3,067,212	9,385,421	3,847,640	16,300,273	
1820	2,592,022	6,154,518	4,387,990	13,134,530	58,698,087
1821	2,223,122	5,181,114	3,319,243	10,723,479	
1822	1,967,996	5,635,187	2,224,459	9,827,642	
1823	2,022,094	5,258,295	2,503,766	9,784,155	
1824	7,155,308	5,270,255	2,904,582	15,330,145	45,665,421
1825	2,748,544	5,692,831	3,049,084	11,490,459	
1826	2,600,178	6,243,236	4,216,902	13,062,316	
1827	2,314,777	5,675,742	4,263,878	12,254,397	
1828	2,886,052	5,701,203	3,918,786	12,506,041	49,313,213
1829	3,002,214	6,250,530	3,308,745	12,651,489	
1830	3,228,416	6,752,689	3,239,429	13,220,534	
1831	3,064,346	6,943,239	3,856,183	13,863,768	
1832	4,574,841	7,982,877	3,956,370	16,514,088	56,249,879
1833	5,051,789	13,096,152	3,901,357	22,049,298	
1834	4,399,779	10,061,428	3,956,260	16,420,467	
1835	3,720,167	9,420,313	3,864,939	17,005,419	
1836	5,388,371	18,466,110	5,800,763	29,655,244	67,130,428
1837	5,524,253	19,417,274	6,852,060	31,793,587	
1838	5,666,703	19,936,312	5,975,771	31,578,785	
1839	4,994,562	14,268,981	6,225,003	25,488,547	
1840	5,581,878	11,621,438	6,124,456	23,327,772	112,188,691
1841*	943,527	2,122,061	724,262	3,819,850	
1842†	6,215,946	13,903,898	6,246,503	26,366,347	
1843‡	6,965,452	8,248,918	7,963,679	23,078,047	
1843§	2,867,289	4,158,364	3,672,718	10,698,391	
1844‖	5,231,747	8,231,317	6,496,991	19,960,055	

* From January 1, to March 3, 1841.
† From March 4, 1841, to March 4, 1842.
‡ From March 4, 1842, to March 4, 1843.
§ From Jan. 1, 1843, to July 1, 1843.
‖ For the year ending June 30, 1844.

XI. TITLES AND ABSTRACTS OF THE PUBLIC LAWS,

PASSED AT THE SECOND SESSION OF THE 28TH CONGRESS.

Abstract of the Appropriation Bills.

Civil and Diplomatic Expenses. For the year ending June 30, 1846.	
Congress — pay of members,	$500,000 00
do. incidental expenses,	295,365 50
President and Vice-President of the United States,	30,000 00
Repairing and furnishing the President's House,	20,000 00
Department of State,	50,045 00
Treasury Department — pay of officers,	341,100 00
do. do. incidental expenses,	47,050 00
War Department — pay of officers,	99,200 00
do. do. incidental expenses,	17,055 00
Navy department,	80,975 00
Patent Office,	4,000 00
Post-Office Department,	208,320 00
Public Buildings and Grounds,	54,878 50
Surveyors and their clerks,	61,910 00
United States Mint and Branches,	158,300 00
Governments of the Territories,	81,179 33
Judiciary,	532,600 00
Miscellaneous,	270,624 67
Light-House Establishment,	394,808 06
Surveys of Public Lands,	160,000 00
Two instalments of the Mexican Indemnity due in 1844,	275,000 00
Deficiency in appropriation for contingent exp. of Congress,	120,000 00
Intercourse with Foreign Nations,	468,543 45
	$4,270,954 51
Revolutionary and other pensioners,	2,255,000 00
Army Appropriation Bill,	3,929,766 30
Navy Appropriation Bill,	6,350,789 68
Post-Office Department,	5,166,000 00
Navy pensioners,	61,000 00
Support of the Military Academy,	138,049 00
Appropriations for the Indian Department,	1,059,503 74
Building and repairing fortifications,	800,000 00
Improvements in the Territories,	50,000 00
Miscellaneous,	144,025 67
Total,	$24,225,088 90

No. 1. *An Act to establish a uniform time for holding Elections for Electors of President and Vice-President in all the States of the Union.* The Electors

shall be appointed in each State on the Tuesday after the first Monday in November of the proper year. Each State may provide for filling vacancies in the college of electors, and may appoint a new day when it fails to make a choice on the day aforesaid. Jan. 23, 1845.

No. 2. *An Act to correct a clerical error in the Act supplementary to an Act to regulate arrests on mesne process in the District of Columbia, and to amend the title thereof.* Feb. 4, 1845.

No. 3. *An Act confirming and assenting to an Act of the Legislature of Virginia, entitled "An Act further to amend the Act incorporating the Chesapeake and Ohio Canal Company."* The act of the Virginia legislature, passed Jan. 20th, 1844, is confirmed, *provided* that the United States are not bound beyond their interest in the company stock, nor do they affirm or deny the rights or liens of Maryland, referred to in the third section of the Virginia act; and that the rights of any individual or corporation under the original act of incorporation be not impaired. Feb. 7, 1845.

No. 4. *An Act to repeal "An Act for the better organization of the District Court of the United States within the State of Louisiana," and for other purposes.* The act passed March 3, 1823, is repealed. Matters now pending in the District Court for the Western District of Louisiana are to be transferred to the Eastern District Court, which shall hold one term in each year at New Orleans, beginning on the first Monday in January, to try all cases arising in the Western District. Feb. 13, 1845.

No. 5. *An Act for the purchase of certain copies of the History of Oregon, California, and the other Territories on the northwest coast of America.* 1,500 copies are purchased of Robert Greenhow, at $2 a copy; these are to be distributed to members of Congress, governors of the States, diplomatic agents, literary institutions, &c. Feb. 20, 1845.

No. 6. Pensioners' appropriation bill. See abstract on page 143. Feb. 20, 1845.

No. 7. *An Act restricting the grant of pension in certain cases.* No widow shall have a pension during any part of the time her husband may have received one, whose declaration therefor was not made before April 13, 1844, and received at the pension office before Jan. 23, 1845. Feb. 20, 1845.

No. 8. *An Act to quiet the titles to certain lots of land in the towns of Perrysburg and Croghansville, in the State of Ohio.* All land titles in these towns derived from the State under the Act of Congress, passed Feb. 28, 1823, for making a road from the lower rapids of the Miami to the Connecticut western reserve, are made valid and confirmed: *Provided*, that the State authorities within one year furnish a certified list of the lots thus disposed of, and that the confirmation hereby intended amounts only to a relinquishment of any claim or title on the part of the United States. Lands reserved in these towns for supporting schools are not included under this act. Feb. 20, 1845.

No. 9. *An Act to amend the Act entitled "An Act to provide for the enlistment of boys for the naval service, and to extend the term of enlistment for Seamen."* Any person may be detained after the expiration of his enlistment, until the vessel in which he is detained shall arrive at a port in the United States, and until he shall receive his regular discharge; but the detention after arrival shall not exceed 30 days. The commander of a vessel or squadron, when at sea, or in a port where there is no U. S. consul, may exercise the powers of a consul in relation to mariners of the United States. Feb. 20, 1845.

No. 10. *An Act to organize a new land district in the southern part of the State of Arkansas.* The land between the line dividing ranges 5 and 6 on the east, and the line dividing 20 and 21 on the west, and the dividing line between townships 10 and 11 on the north, and the State line on the south, shall form a separate district, to be called the Champagnole district, and a register and receiver shall be appointed therefor, with the usual powers and duties. Feb. 20, 1845.

No. 11. *An Act supplementary to an Act to repeal "an Act for the better organization of the District Court of the United States within the State of Louisiana," and for other purposes, approved* Feb. 13, 1845. Causes now pending in the Western District Court of Louisiana, which properly belong to the Circuit Court jurisdiction, shall be transferred to the U. S. Circuit Court for the Eastern District. Feb. 26, 1845.

No. 12. *An Act extending the jurisdiction of the District Courts to certain cases upon the lakes and navigable waters connecting the same.* These courts may act in matters of contract and tort concerning steamboats, and other vessels employed between ports in different States upon the lakes and navigable waters connecting them, as they now do in relation to similar vessels when employed on the high seas. The remedies, modes of proceeding, &c., in such suits, shall be the same that are now used by these courts, and the U. S. maritime law shall be the rule of decision; saving to the parties, however, the right of trial by jury of all facts put in issue, whenever either party requires it, and saving to them, also, the right of a concurrent remedy at common law, where it is competent to give it, and any concurrent remedy which may be given by the State law. Feb. 26, 1845.

No. 13. *An Act for the relief of the President and Directors of the Dismal Swamp Canal Company.* They may retain the dividends on 800 shares of their stock owned by the United States, so as to be repaid the sum of $32,712 32, which they have advanced to complete the work originally begun by the agents of the United States. Feb. 26, 1845.

No. 14. *An Act explanatory of an Act entitled "an Act making appropriations for the civil and diplomatic expenses of Government for the year* 1839." Nothing in the second section of that act shall impair or take away the right of a person paying duties under protest in order to obtain his goods,

to maintain an action at law against the collector, so as to try the legality of the demand and payment of duties. Neither shall the duties paid under protest be refunded, nor shall any action be maintained for them, unless the protest was made in writing and signed at the time of paying the duties, setting forth distinctly the grounds of objection to the payment thereof. Feb. 26, 1845.

No. 15. *An Act vesting in the County Commissioners of the county of Wyandott the right to certain town lots and out lots in the town of Upper Sandusky, in the State of Ohio.* One third of the unsold town lots and out lots in this town is vested in these commissioners, on condition that they permanently fix the county seat of justice in the said town, and apply the proceeds of the sales of the lots to the erection of the public buildings and the improvement of the public grounds in the town. Feb. 26, 1845.

No. 16. *An Act to authorize the South Carolina Railroad Company to import certain pipes and machinery free of duty.* They may import free of duty pipes and machinery enough for an atmospheric pressure railroad one mile long. Feb. 26, 1845.

No. 17. *An Act to amend an Act entitled "An Act to carry into effect, in the States of Alabama and Mississippi, the existing compacts with those States with regard to the five per cent. Fund and the School Reservations."* So much of the fourth section of the act is hereby repealed as requires a quantity of land equal to one 36th part of the lands in Alabama, which were disposed of by the treaty with the Chickasaw Indians, made May 24, 1834, to be selected in any land district in the said State contiguous to the lands thus disposed of by the Chickasaws: *Provided*, that the validity of selections already made by virtue of this 4th section of the law be not impaired. Lands equal in quantity to one 36th part of these Chickasaw lands may be selected at any time within two years from the passing of this law, out of any of the surveyed public lands in Alabama or Mississippi that are subject to private sale. These selections shall be reported to the Commissioner of the Land Office, together with proofs that the inhabitants of the township for whose benefit they are selected have accepted the same, as a full equivalent for their school sections. The lands shall then be held under the conditions or terms prescribed for section number 16 in Alabama. Notice shall be given immediately, that the lands are thus selected, and they shall then be withdrawn from sale. Feb. 26, 1845.

No. 18. *An Act to amend the Act entitled "An Act making appropriations for the naval service for the fiscal year ending June 30th, 1845."* The third section of the act shall not apply to the claim of an officer employed on a foreign station to receive the pay of a higher grade while temporarily performing its duties, until information of the passage of the act shall be received on board of the vessel to which he is attached. Feb. 26, 1845.

No. 19. *An Act to alter the corporate limits of Georgetown.* Feb. 27, 1845.

No. 20. *An Act to change the time for holding the Circuit and Criminal Courts in the County of Washington.* March 1, 1845. See page 107.

No. 21. *An Act in alteration of an Act entitled "An Act to establish a port of delivery at the city of Lafayette, in the State of Louisiana."* Vessels bound thither, after making report and entry at New Orleans, may unlade their cargoes at Lafayette. March 1, 1845.

No. 22. Appropriations for navy pensions. March 1, 1845. See abstract on page 143.

No. 23. *An Act to authorize the sale of two Arabian horses received as a present by the Consul of the United States at Zanzibar, from the Imaum of Muscat.* March 1, 1845.

No. 24. *An Act to change the time of holding the Federal Courts of Kentucky, North Carolina, South Carolina, Georgia, Alabama, and Louisiana.* March 1, 1845. See pages 107 and 110.

No. 25. *An act renewing certain naval pensions for the term of five years.* The five year pensions already granted to the widows of officers and seamen who have been killed, or have died in consequence of casualties, while on duty, shall be continued for a farther period of five years to such as remain unmarried; the pension to cease on their death or marriage. March 3, 1845.

No. 26. *An Act to grant certain lands to the State of Indiana, the better to enable the said State to extend and complete the Wabash and Erie Canal from Terre Haute to the Ohio River.* One half of the public lands yet unsold in a strip five miles wide on each side of the canal, is given for this purpose; every alternate section being reserved to the United States. Also, one half of all the other lands not yet disposed of in the Vincennes land district is given for the same purpose, to be selected under the authority of the Governor of the State. The lands shall be disposed of by the General Assembly of the State, for the aforesaid purpose and no other. The canal shall forever remain a public highway, on which the property and servants of the United States shall pass without any toll or charge whatever; and shall be completed within fifteen years from the passing of this act, or the State shall pay back the money received for the lands, and surrender the unsold lands. The lands shall not be sold for less than the minimum price of other public lands. March 3, 1845.

No. 27. *An Act to reduce the rates of postage, to limit the use and correct the abuse of the franking privilege, and for the prevention of frauds on the revenues of the Post-Office Department.* See a full abstract of this law on pp. 129 – 131. March 3, 1845.

No. 28. Post-Office appropriation bill. See abstract on page 143. March 3, 1845.

No. 29. *An Act supplementary to an Act entitled "An Act to fix the value of certain foreign moneys of account in computations at the custom-houses."* The florin of Austria shall be valued at 48 cents. March 3, 1845.

No. 30. *An Act to confirm the survey and location of claims for lands in the State of Mississippi, east of the Pearl River and south of* 31° *N.* All such surveys returned to the surveyor-general's office south of Tennessee before Jan. 1, 1839, are hereby confirmed. The surveyor-generals shall certify the return and plat of any such actual survey to the register and receiver for lands in the Augusta district in said State, who shall regard such surveys and plats as correctly made. If the claimant of the land thus surveyed shall, within one year from the passing of this act, file an exception to the regularity of the survey, the surveyor-general may order a resurvey of the claim, after proper notice to the party interested. If it shall be found that any claim hereby confirmed is deficient in the quantity of land to the amount of 40 acres or more, the claimant shall receive a warrant for an equal number of acres of any land subject to entry in the district. This act shall not aid the location of any claim to the prejudice of any other claim with which it may conflict; but such conflicting claims shall be left subject to existing laws. But if the conflicting claimants shall compromise, and one of them shall relinquish to the other his entire location or a part of it, the relinquishing claimant shall receive a warrant for a quantity of land subject to entry in the same district, equal in number of acres to the land relinquished. March 3, 1845.

No. 31. Military Academy appropriation bill. See abstract on p. 143. March 3, 1845.

No. 32. *An Act for the admission of the States of Iowa and Florida into the Union.* The people of Iowa having formed a constitution and State government for themselves on the 7th of October, 1844, and the people of Florida having done likewise on the 11th of January, 1839, both of which constitutions are republican, and they having asked for admission into the Union as States on an equal footing with the original States, Iowa and Florida are hereby declared to be States of the United States of America, on an equal footing with the other States in all respects whatsoever. The State of Iowa shall be bounded thus: From the mouth of the Des Moines river along the middle of the channel of that river to a parallel of latitude passing through the mouth of the Mankato or Blue Earth river; thence west along this parallel of latitude to where it is intersected by a meridian line 17° 30' W. of Washington; thence due south to the northern boundary line of the State of Missouri; thence eastwardly, along that boundary, to where it intersects the Des Moines river; thence, by the middle of that river to the place of beginning. Iowa shall have concurrent jurisdiction on the river Mississippi, and every other river forming its boundary with any other States bounded by the same rivers; and the said rivers shall be common highways, free to the inhabitants of each and all the United States. It is a fundamental condition of the admission of Iowa into the Union, that so much of this act as relates to it shall be accepted

by a majority of the qualified electors at the time and in the manner prescribed in their constitution. The State of Florida shall embrace the Territories of East and West Florida, as ceded by the treaty with Spain on the 22d of February, 1819. Until the next census is taken, Iowa and Florida shall have one representative each in Congress. The two States are admitted on the express condition that they interfere not with the primary disposal of the public lands lying within them, nor levy any tax on said lands while they are the property of the United States. The ordinance of the convention which formed the constitution of Iowa, and which is appended to the said constitution, shall not be valid, nor have any binding force on the Government of the United States. March 3, 1845.

No. 33. Appropriations for fortifications. See abstract on page 143. March 3, 1845.

No. 34. *An Act providing payment for certain military services in Florida.* Certain militia companies are to be paid for short terms of service in the Florida war, the muster roll of each company being sworn to by its captain, or senior living officer present in Florida. March 3, 1845.

No. 35. Army appropriation bills. See abstract on page 143. March 3, 1845.

No. 36. *An Act regulating commercial intercourse with the islands of Miquelon and St. Pierre.* French vessels coming direct from these islands are to be admitted into our ports on the payment of no higher tonnage or cargo duties than are imposed on American vessels and cargoes. *Provided*, that the French government grant and continue similar privileges to American vessels and cargoes at these islands. March 3, 1845.

Nos. 37 and 38. Appropriations for public improvements in Wisconsin. See abstract on page 143. March 3, 1845.

No. 39. *An Act to provide for the transportation of the mail between the United States and foreign countries, and for other purposes.* The Postmaster General may make contracts for transporting the U. S. mail between any of our ports and the ports of a foreign power, reporting to the next Congress a copy of each contract, and a statement of the amount of postage derived under it. The contracts may be for any period greater than four, and less than ten years. The contracts must be made with our own citizens, the mail to be carried in American vessels, by Americans Each contract shall stipulate that it may at any time be terminated by a joint resolution of the two houses of Congress. The rates of postage shall be as follows: — Upon all letters and packets not exceeding one half ounce in weight, between any of the ports of the United States and the ports of England or France, or any other foreign port, not less than three thousand miles distant, twenty-four cents, with the inland postage of the United States added; upon letters and packets over one half an ounce in weight, and not exceeding one ounce, forty-eight cents; and for every additional

half ounce or fraction of an ounce, fifteen cents; upon all letters and packets not exceeding one half ounce sent through the United States mail to any of the West India islands, or islands on the Gulf of Mexico, ten cents; and twenty cents upon letters and packets not exceeding one ounce; and five cents for every additional half ounce or fraction of an ounce; upon each newspaper, pamphlet, and price current, sent in the mail to any of the ports and places above enumerated, three cents, with inland United States postage added. No person shall carry any letters, packet, newspaper, or printed circular on board the vessels that may transport the U. S. mail, under penalty of $500. Forging or counterfeiting the Post Office stamp of this or any foreign government shall be accounted felony, punishable with imprisonment not less than two, nor more than ten years. U. S. consuls may be authorized to pay the foreign postage accruing at their ports on letters for the United States, and the amount thus paid shall be added to the other postage on the delivery of the letters, and be repaid to the consuls. Preference shall be given, in making contracts, to steamers and steamships, the owners contracting to make over the steamers to the United States in case of war, if they are wanted, at an appraised value. On this last condition, also, contracts may be made with steamers for carrying the mail along our coast. March 3, 1845.

No. 40. *An Act for allowing drawback on foreign merchandize exported in the original packages to Chihuahua and Santa Fe, in Mexico; and to the British North American Provinces adjoining the United States.* Any imported merchandize may be exported with drawback to Chihuahua and Santa Fe, either by way of the Arkansas river through Van Buren, or the Red river through Fulton, or the Missouri river through Independence. The goods must be in the original packages, with an invoice accurately describing them and their marks, specifying the route they are to take, and certified by the collector at the port of entry. When the goods arrive at either of the places above named in Arkansas or Missouri, they shall be again inspected and compared with the invoice, and again by the U. S. consul at Santa Fe or Chihuahua. Then the exporter, giving bond with good sureties in thrice the amount of duties, that the merchandize has been exported in good faith, shall receive the drawback. Inspectors shall be appointed at Van Buren, Fulton, and Independence, at a salary of $250 each. Foreign goods may be exported with like privilege of drawback, under the regulations of existing laws, to the British North American provinces through the ports of Plattsburg, Burlington, Sackett's Harbor, Oswego, Ogdensburg, Rochester, Buffalo, Erie, Cleveland, Sandusky, Detroit, and those ports on the seaboard from which merchandize may now be imported for drawback; such other ports may afterwards be added to these as the Secretary of the Treasury may recommend. In addition to existing provisions on the subject, the exporter shall show to the

collector of the port whence the goods are exported, the certificate, under seal, of the collector of the foreign port to which they are exported; said certificate being endorsed on a duplicate of the manifest, stating that the identical goods were landed and entered at said foreign port, and the duties paid on them; also, the affidavit of the master of the vessel in which the goods were exported, attesting these same facts. If such goods are brought back again into the United States, they shall be forfeited, and the person bringing them shall be fined $400. 2½ per cent. of the amount of duties paid shall be deducted from the drawback. The Secretary of the Treasury may prescribe rules and regulations, not inconsistent with existing laws, for carrying this act into effect. March 3, 1845.

No. 41. Civil and diplomatic appropriations. See abstract on page 143. March 3, 1845.

No. 42. Indian Department appropriations. See abstract on page 143. March 3, 1845.

No. 43. Improvements in Iowa. See abstract on page 143. March 3, 1845.

No. 44. *An Act to establish certain post routes.* March 3, 1845.

No. 45. *An Act supplemental to the Act for the admission of the States of Iowa and Florida into the Union, and for other purposes.* Eight entire sections of land are granted to Florida for fixing the seat of government; also, section No. 16 in every township for their public schools; also, two whole townships, in addition to the two already reserved, for the use of two seminaries of learning, one to be on the east, and the other on the west, of the Suwannee river; also, five per cent. of the net proceeds of the sale of public lands, for the purposes of education. All the United States laws not locally inapplicable shall have effect in Florida as in the other States. The said State shall compose one judicial district, to be organized like the Kentucky district; the judge of this district may hold extra sessions when he thinks the public interests require them. (See page 111.) The salary of the district judge shall be $2,000; of the district attorney, $200 besides fees; of the marshal, $200 and fees. The salary of the district judges of Ohio, Indiana, Illinois, and Missouri, shall hereafter be $1,500 *per annum.* March 3, 1845.

No. 46. *An Act supplemental to the Act for the admission of the States of Iowa and Florida into the Union.* United States laws, not locally inapplicable, shall have effect in Iowa as elsewhere. One district court is established in the State, organized like the Kentucky district, of which two sessions annually shall be held at the seat of government; salary of the judge, $1,500; attorney and marshal as in Florida. In lieu of the propositions submitted to Congress by the Iowa convention, the following propositions are submitted to the Iowa legislature, and, if accepted by that body, shall be binding on the United States. 1st. Section, No. 16, in every township, or other lands equivalent thereto, shall be granted for

the use of schools. 2d. The 72 sections of land already reserved for a University, are conveyed to the State, for the use of said University. 3d. Five sections of land are granted for the erection of public buildings at the seat of government. 4th. All salt springs in the State, not exceeding 12 in number, with six sections of land adjoining each, are granted to the State, — not to be leased or let, however, at any one time, for a longer period than 10 years, without the consent of Congress: *Provided*, that this grant shall not extend to any salt spring now owned by one or more persons. 5th. Five per cent. of the net proceeds of the sales of the public lands in the State shall be granted for making public roads and canals. These five propositions are made on condition, that the State shall never interfere with the primary disposal of the public lands within the same, nor tax these lands while they belong to the United States, nor tax non-resident proprietors higher than resident, and that bounty lands granted for military services in the late war, while held by the patentees or their heirs, shall be exempt from State taxation for three years after the date of their patents respectively. March 3, 1845.

No. 47. Navy appropriation bill. See abstract, page 143. March 3, 1845.

No. 48. *An Act relating to revenue cutters and steamers.* No revenue cutter or steamer, except such as are now building, shall hereafter be built or purchased, except an appropriation therefor be first made by law. *Passed in spite of the President's veto.* March 3, 1845.

XII. REGISTRATION OF BIRTHS, MARRIAGES, & DEATHS.

The Legislature of Massachusetts, in 1842, passed a bill providing for a general system of registry of births, marriages, and deaths, throughout the State, which law, revised and improved in 1844, is still in force. Such a system is much needed in this country, and it is to be hoped that the example now set will soon be followed by other States in the Union. In order that they may have the benefit of the experience already obtained in arranging the details of such a system, we will give an outline of the law as it now exists. Every sexton, or other superintendent of a burial-ground, is required to make a return every month to the town clerk, respecting every person whose burial he has superintended during the preceding month, and he receives five cents for the return of each death; he is to specify in each case the date, name, sex, whether single or married, age, occupation, place of birth, names of parents, and the disease or cause of death. Every clergyman or magistrate celebrating a marriage is required to make a return of the same to the town clerk in the course

of the next month, mentioning the date, place, name of the officiating person, names of the parties married, their residence, whether they were single or had been previously married, the occupation of each, and the names of their parents. The school committee of each town, or some person authorized by them, is required to ascertain in the month of May annually, by direct inquiry, the number of births in the town during the preceding year, and make return of the same to the town clerk, receiving five cents for the return of each birth; the return must show the date of the birth, the place, name of the child, (if named) sex, names of the parents, their residence, and the occupation of the father. The town clerk is to record all the facts thus returned to him in books kept for the purpose, receiving eight cents for the record of each birth and each death; and he is to send each year an attested copy of his record to the Secretary of State. Blank books of record, blank forms of returns, and letters of instruction are furnished by the Secretary to the town clerks; and suitable penalties are provided in case either of the officers mentioned should neglect the duties assigned to them. The Secretary prepares each year an abstract of all the returns, the facts being properly classified and tabulated after the model of the most approved European system.

There can be no doubt of the great utility and interest of the statistics thus collected. The American Academy of Arts and Sciences, and the Massachusetts Medical Society, had petitioned for the passage of the law, believing that the returns would be full of interest and instruction for the legislator, the political economist, the lawyer, and the public generally. Systems of registry now exist in nearly all the kingdoms of Europe; and in England particularly, where the plan is of recent introduction, the five or six annual reports of the registrar-general that have been published, being drawn up with much ability, have excited great interest, have thrown much light on the progress and laws of population, have assisted in determining important questions in science, and promise to have considerable effect on legislative and commercial proceedings. Registration is doubly important in the United States, in order not only to determine some domestic questions of much moment, but to obtain grounds of comparison between English institutions, morals, habits, etc., and our own. The annual returns in Massachusetts, very defective at first, owing to the inexperience and negligence of town officers under a novel system, have gone on rapidly improving, and promise soon to afford results of great accuracy and the highest importance. In the conduct of lawsuits, in settling questions on which the peace of families and individuals, and litigated claims to property, depend, it is often essential to obtain legal evidence, which such public registers alone can furnish. The facts respecting every birth, marriage, or death, which is asserted to have taken place within the State, can be ascertained from an official record in every

town, and from an attested copy of all these records in the office of the Secretary of State. Dr. Palfrey, the Secretary of State for Massachusetts, to whose exertions the present success of the system is mainly to be ascribed, says that "in several cases which have come under the notice of this office during the past year, the most serious difficulty has occurred in proving a title to a valuable pension for revolutionary services for want of evidence of the marriage of the widow interested in the claim." The tabular abstracts of the returns, also, are not matters of mere speculative curiosity; they are not only of use in determining difficult questions in economical science, but they become the actual basis of legislation, and of the proceedings of individuals and joint stock corporations. The value of a widow's dower, or a life estate, which our judicial tribunals have frequent occasion to determine, can be ascertained only by reference to these tables; nearly all the business of life insurance companies is directed by calculations based upon these abstracts. The law of increase of the population, and the comparative rate of mortality or the probable duration of life, in different districts, in town and country, and in divers occupations, can be determined only by reference to them. They furnish valuable aid to medical science, by showing the comparative prevalence and fatality of different diseases in various parts of the country, and by throwing light on the causes which tend to spread or to limit particular maladies. The direct practical effect of important measures of legislation and divers projects of philanthropic reform on the well-being and increase of the population, can be fully ascertained only by the aid of such tables. Considering the great extent of territory of the United States, the diversity of climate and employments, and the intermingling of races consequent on the vast immigration into the country, it is most desirable that such systems of registration should be established in all the States; for the principles derived from European experience are not applicable here, where the population is so dissimilarly situated.

As the returns in Massachusetts are yet incomplete, many curious questions, which depend on a comparison of the total population with the whole number of births, marriages, and deaths occurring in the State, within one year, cannot be determined by them; these must be left for the experience of future years, when the details of the system shall be perfected. But for certain purposes, the returns may be depended upon as far as they go, and the inferences drawn from them conform to known laws of population, and to the experience of other countries. Thus, of the whole number of births reported within one year, 7,399 were of males, and 7,042 of females, the latter being to the former in the proportion of 100 to 105·07. This accords closely with that wonderful law of Providence believed to obtain over the whole world, according to which the male children born always exceed the females in the proportion very

nearly of 105 to 100, or 21 to 20.* Yet the census of 1840 showed that there were more women living in Massachusetts than men, by 7,672, the numbers being 368,351 females to 360,679 males. And this excess of female population was found to exist throughout New England, except in Maine, the excess in New Hampshire being as great as 4 per cent. This discrepancy is easily accounted for. Emigration is constantly going on from the older States to the newly settled parts of the country, and for obvious reasons more males migrate than females. Hence, the census shows a great excess of males in the new settlements. In Illinois, the male population is to the female as 113 to 100; in Wisconsin, it is very nearly as 155 to 100, or more than 3 to 2. Take the whole country together, so that the new settlements shall balance the old, and the general law holds. The number of white females in 1840 was 6,940,161; and of white males 7,249,434; which numbers are in the proportion of 100 to 104·6.

To return to the system of registration in Massachusetts. The returns of marriages are obviously too defective for comparison with the total population, but not so for comparison with each other. It appears from a return of ages, that the men do not marry at as early an age here as in England, while the reverse holds true with regard to the women. The average age of bachelors at their marriage is 25·87 years, while in England it is 25·45; but the average age of maidens at their marriage is 23·29 years, while in England it is 24·30. Taking in also the ages of the widows and widowers at the period of their second marriage, and of a few others whose "condition," (i. e. whether they had been previously married or not,) is not stated, and the average age of the males at the time of marriage is 28·84; of the females, 24·26;—in England, the numbers are 27·45 for the men, and 25·46 for the women. To account for the rapid increase of population in this country, we must suppose not only that marriages are more frequent and more prolific, but that they are probably contracted at an earlier age than in Europe. The differences above shown do not seem enough in favor of this country. Probably, the number of marriages returned is not large enough to afford a fair average; and more complete returns in future years may show that the males, as well as the females, in this country, marry at a younger age than the English do. The registration returns in England demonstrate that one fifth of the inhabitants who arrive at a marriageable age never marry; and that the women, who are marriageable at 17 years of age, do not marry till they attain the mean age of 24·3 years. This shows that prudence, or what Mr. Malthus calls the "preventive check," has a greater effect in that country than is commonly imagined. Mr. Farr calculates that if, instead of beginning to marry at 18, none of the women married till 23, and the mean age of mar-

* In Prussia, the experience of 15 years showed the proportions to be 105·9 to 100; in England, in 1840, it was 104·9 to 100.

riage were raised to 30, the population would cease to increase at all; it would remain stationary. If the registration returns were equally full and accurate in this country, so as to allow of similar calculations being made here, we should have all the elements necessary to determine one of the most difficult and most frequently mooted questions in political economy.

Of 7,723 persons whose deaths were registered in Massachusetts during the past year, the average age was 33·74 years. Of 27,001 deaths, including 454 still-born, registered in Massachusetts in three years, the average age was 32·11 years. The average age deduced from the registered deaths in England for four years ending June, 1841, was 28·93 years; in the Prussian States, it was 28·86. From the returns of deaths in Massachusetts for 3 years, in England for 4 years, and in the Prussian States for 14 years, we obtain the following results:— Out of every 10,000 deaths, 1,642 in Massachusetts, 2,161 in England, and 2,847 in Prussia, took place under *one* year of age; 3,763 in Massachusetts, 4,475 in England, and 4,947 in Prussia under *ten* years; 7,070 in Massachusetts, 7,148 in England, and 7,066 in Prussia, under *fifty* years; 9,221 in Massachusetts, 9,412 in England, and 9,619 in Prussia, under *eighty* years. These facts seem to prove, that the average duration of life *in Massachusetts* is greater than it is in England; while the facts mentioned in the following article, derived by Mr. Porter from an examination of the census of the two countries, go to show, that the average duration of life *in the United States* is less than it is in England.

Total number of Deaths in Massachusetts reported during the three years, 1842–4.

May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	Not stated.	Total.
2255	2021	2092	2768	3051	2672	2140	2230	2132	2161	2353	2270	470	28,615

Under 1 year.	1 and under 2.	2 and under 5.	5 and under 10.	10 and under 20.	20 and under 30.	30 and under 40.	40 and under 50.	50 and under 60.	60 and under 70.	70 and under 80.	80 and under 90.	90 and under 100.	Over 100.	Not stated.	Total.
4434	2061	2349	1317	1713	3063	2310	1944	1586	1907	2314	1675	412	16	1614	28,615

"Hence it appears that the greatest mortality has occurred in September (3,051,) and the least in June (2,021;) that the three successive months in which the mortality was greatest, were August, September, and October (8,491,) and that it was least in May, June, and July (6,368.) It also appears that more than one third (11,874) died before the age of ten years."

We will venture to make one suggestion respecting the future returns of registration in Massachusetts. As it is important to have the means of comparing the physical condition of one race with that of another, every record of a birth, death, or marriage should specify the *color*, as well as the sex and parentage, of the individual. There is the same reason for making this distinction in a system of registration as in the U. S. census.

XIII. COMPARATIVE AGES AND LONGEVITY

of Whites, Free Colored Persons, and Slaves, in the United States.

The United States Census of 1840 showed some extraordinary facts respecting the comparative prevalence of insanity and idiocy among the white, free colored, and slave population of this country. The returns seemed to prove, that free colored persons were very subject to these terrible diseases, — even in a greater degree than the whites; while the slaves were comparatively free from them. The proportion of the whole number of insane and idiotic persons to the *total* population was as 1 to 979; in New Hampshire, this proportion was as high as 1 to 564; and in Rhode Island, one person out of every 504 was insane or idiotic.

The whole number of insane and idiotic *white* persons was 14,508; the whole white population being 14,189,705, this was in the proportion of 1 to 978. On the other hand, the whole number of insane and idiotic *colored* persons, *in the non-slaveholding States*, was 1,189; the whole colored population of these States being 171,857,* this was in the proportion of 1 to 144, disregarding fractions. The whole number of insane and idiotic colored persons, *in the Slaveholding States*, was 1,737; the whole colored population of these States being 2,701,791,† this was in the proportion of 1 to 1,555. In other words, in the free States, one colored person out of every 144 was insane or idiotic; in the slave States, there was but one out of every 1,555. If we take single States, the difference will appear still more remarkable. Mississippi, out of a black population of 196,577, of whom all but 1,366 were slaves, had but 82 insane or idiotic, being in the proportion of 1 to 2,263; Massachusetts, out of a black population of

* This includes 1,129, who were nominally slaves.
† This includes 215,565 free colored persons.

8,669, all of whom were free, had 200 insane or idiotic, being in the proportion of 1 to only 43. Georgia had 283,697 blacks, (280,944 of them being slaves,) of whom only 134 were insane or idiotic, or 1 to 2,117; Maine had 1,355 free blacks, of whom 94 were insane or idiotic, being in the frightful proportion of 1 to every 14. A French writer, remarking upon this last case, justly says that the alleged facts are wholly incredible, for no race of human beings can be subject to mental alienation in this terrible degree. The proportion in France is about 1 to 2,000.

The extraordinary statements thus derived from the census naturally excited great surprise, and led some persons to examine the returns very carefully, in order to discover, if possible, the mistakes on which they were founded. This examination proved fatal to the credit of the work, for it disclosed such a multitude of blunders and discrepancies as to show that the enumeration was wholly untrustworthy, and that any conclusions founded upon it would be entirely unsafe. In the last volume of this Almanac, in an article upon the "Mistakes in the Census of 1840," we exposed a sufficient number of these errors to show the true character of the returns, and to caution persons against putting any reliance upon them. It is enough to repeat here, that in a large number of towns the whole colored population was not so great as the number of colored persons in them reported to be insane. What cause led to such glaring blunders it is impossible to tell. As the *data* were so incorrect, we might well expect that further calculations and arguments founded upon them would lead to conclusions the very opposite of those upon which we have here commented; in other words, that various deductions from the returns would be found to contradict each other. The Journal of the London Statistical Society, for February, 1843, contains a paper written by Mr. Porter, an eminent statistician, the Secretary of the Society, which incidentally brings to light some facts, apparently established by the census returns, that lead to conclusions very different from those indicated by the statements respecting the comparative prevalence of insanity. The paper does not relate specially, it is true, to this particular disease; it refers more generally to the comparative physical condition of the white and colored races. But it is hardly possible to accept the conclusions to which it leads, without believing that the former statements respecting the number of insane and idiotic persons were erroneous.

Mr. Porter did not intend primarily to examine the census of the United States. His paper is upon the ages of the English population, according to the census of Great Britain, taken in 1841. The corresponding facts relating to the population of this country, as shown by the census of 1840, are introduced only for the sake of comparison. He begins with the supposition that, during the early years of life, every person is, in some degree, a burden upon the community. "It must therefore be favorable to the growing wealth of a nation, that the proportion which

the number of children bears to the whole population should be small; while it is necessary to that end, that the whole number of those who have ceased to be burdensome, and who form the productive part of the people — the working bees of the hive — should be large." Of course, it is not meant that it is of advantage that the actual number of children should be small, since it is only from them that the productive class can be recruited; but that a country is then most favorably situated for progress, when it has the largest proportionate number of its inhabitants of an age suited to active employments. It is obvious, also, that the comparative longevity of two races is shown by the comparative numbers who are found to survive a certain age, — that of 50, for instance, — and not by a few isolated cases of individuals who have attained a great age.

The whole number of persons in England, in 1841, was 15,906,589, of whom 5,723,782 were under 15 years of age, 7,969,171 were between 15 and 50, and 2,213,636 were over 50. In other words, out of every 10,000 persons, 3,610 were under 15 years of age, 5,025 were between 15 and 50, and 1,365 were over 50. In respect to the first two items, this is a more favorable result than was indicated by the census of England in 1821, when, out of every 10,000 persons, 3,908 were found to be under 15, and 4,680 were between 15 and 50. But in respect to the third item, showing the comparative longevity of the people at the two periods, the result is a little less favorable; for out of every 10,000, in 1821, there were 1,412, and in 1841, only 1,365, who had passed the age of 50. For the comparison, in these respects, of the English census of 1841, with the United States census of 1840, we copy Mr. Porter's own words and computations:—

"In America, the ages are given at the same stages as those adopted in the English returns of 1821. The proportionate numbers at each age in 10,000 persons were as follows:

	Number living.		Proportion per 10,000.			
	U. States.*	England.	United States.		England.	
Under 5 years,	2,474,139	2,099,162	1,744		1,324	
5 to 10 "	2,010,993	1,898,348	1,417		1,197	
10 — 15 "	1,716,067	1,726,272	1,210	4,371	1,089	3,610
15 — 20 "	1,548,190	1,580,997	1,091		997	
20 — 30 "	2,575,835	2,822,604	1,816		1,780	
30 — 40 "	1,645,528	2,044,232	1,160		1,289	
40 — 50 "	1,038,711	1,521,338	732	4,799	959	5,025
50 — 60 "	619,315	1,022,732	436		645	
60 — 70 "	347,525	697,067	245		440	
70 — 80 "	160,613	343,016	113		216	
80 — 90 "	45,643	94,127	32		59	
90 and upwards,	6,529	8,180	4	630	5	1,365
	14,189,108	15,858,075†	10,000		10,000	

* Including *whites* only. † And 48,514, ages not ascertained.

"The condition of England, as far as depends upon the ages of the population is placed in a comparatively favorable light by these figures. While we have to provide for the sustenance and education of only 3,610 in each 10,000, the United States are thus burthened in respect of 4,371 in that number; and while we have 5,025 in 10,000 between 15 and 50, and who are thus in a condition to add to the general wealth, there are in the United States only 4,799 in 10,000 between those ages. We have thus in every 10,000 of the population 226 more persons whose energies are available for the sustenance of 761 fewer children than are living in the United States. Of persons above 50 years, we have 1,365 living, while in the United States the proportion is only 830, showing that *the rapid growth of their population is not attributable to the great duration of life, but arises from the number and fruitfulness of marriages, aided in a considerable degree, no doubt, by immigration.*

"In taking the census in the United States, the white population is distinguished from the colored race, and this latter is divided into two classes, viz. free and slave. The returns already noticed have reference to the white inhabitants only. The ages of the colored people are distinguished at different stages from those adopted for the whites, classing together all under 10 years; all between 10 and 24; all between 24 and 36; all between 36 and 55; all between 55 and 100; and all who are 100 and upwards. To the following figures, which necessarily follow this arrangement, there are added the proportionate numbers (by approximation) of the white inhabitants of the same ages, viz.

	Free Colored.	Slaves.	Whites.
Under 10 years,	2,884	3,394	3,161
10 to 24 "	2,831	3,141	3,027
24 — 36 "	1,993	1,910	1,786
36 — 55 "	1,519	1,144	1,414
55 — 100 "	756	406	612
100 and upwards,	17	5	....
	10,000	10,000	10,000

"Comparing the whites with the free colored population, it will appear that the colored people are in the most favorable condition; the proportion of children is smallest; during the period of activity, on the contrary, the proportion living are greater than those of the whites, and a larger proportion attain to longevity. But when we compare the condition in these respects of the slave population with that of the other two classes, we find it to be the least favorable of the whole; the proportion of children is greatest, while the remaining parts of the population, those in the vigor of life, and those who have attained to greater years, are less than the proportions of the whites, and far less than those experienced by such of the same race as are in the possession of freedom. It would appear that the climate of the United States, or some other influences, are more favorable to the African than to the European races, but that those advantages are far more than counterbalanced by the evils that attend upon them in the condition of slavery."

These results are very different from what would naturally be expected; for as the population here increases to some extent from immigration, and as much the larger portion of immigrants would probably be between

the ages of 15 and 50, we should suppose that there would be a larger proportionate number between those ages in the United States than in England. That the longevity of the colored race should exceed that of the whites does not seem so astonishing; for very many cases are on record, in which colored persons have attained an extraordinary age. They are more apt, also, when advanced in years, greatly to exaggerate their age, because they are often ignorant of the true period of their birth. Whether the proportion between the slaves and the free colored is rightly stated in this extract, depends on the correctness of the figures furnished by the census of 1840. But if the figures be correct, we can hardly believe that the free colored are so much more exposed than the slaves to the terrible attacks of insanity and idiocy.

There will be good reason to believe that Mr. Porter's general conclusions are well founded, if, on applying the same principles and making the same computations with the U. S. census of 1830, we should arrive at precisely similar results. This we have done with considerable labor and care, and find such a remarkable coincidence with those obtained from the census of 1840, as to leave no doubt upon the subject. The whole number of *white* inhabitants of the United States in 1830, was 10,526,248, of whom 4,736,320 were under 15 years of age, 4,916,300 were between 15 and 50, and 873,628 were over 50; that is, out of every 10,000 persons, 4,449 were under 15 years of age, 4,671 were between 15 and 50, and 830 were over 50. The trifling difference between these ratios, and those obtained from the census of 1840, is still more in favor of England, as will be seen from the following table:—

Table showing the proportions per 10,000 *of the burdensome and productive classes, and the comparative longevity, of the people of England and the United States.*

	England.		United States.*		
	Census of 1821.	Census of 1841.	Census of 1830.	Census of 1840.	
Under 15 years,	3,908	3,610	4,499	4,371	Burdensome class.
15 to 50 "	4,680	5,025	4,671	4,799	Productive class,
Over 50 "	1,412	1,365	830	830	Longevity.
	10,000	10,000	10,000	10,000	

It seems necessary, therefore, to admit Mr. Porter's conclusion, that "the rapid growth of the population of the United States is not attributable to the great duration of life, but arises from the number and fruit-

* Including the *white* population only.

fulness of marriages, aided in a considerable degree, no doubt, by immigration;" and that, in the proportion between the burdensome and productive classes, and in longevity, the English population has considerably the advantage of our own.

In respect also to the proportion between the ages of the white, free colored, and slave population of the United States, the census of 1830 confirms in a remarkable degree the results obtained by Mr. Porter from the census of 1840, as will be seen from the following table, which we have calculated with great care:—

Table showing the proportions per 10,000 *of the burdensome and productive classes, and the comparative longevity of the White, Free Colored, and Slave population of the United States.*

	Ages.	Census of 1830. Number.	Proportion per 10,000.		Census of 1840. Number.	Proportion per 10,000.	
Whites.	Under 10 years,	3,427,730	3,256	3,256	4,485,132	3,161	3,161
	10 to 24 "	3,228,000	3,067		4,294,611	3,027	
	24 to 36 "	1,813,779	1,723		2,532,818	1,786	
	36 to 55 "	1,409,506	1,339	6,129	2,006,579	1,414	6,227
	55 to 100 "	646,694	615		869,177	612	
	Over 100,	539	....	615	791	....	612
	Total,	10,526,248	10,000		14,189,108	10,000	
Free Colored.	Under 10 years,	96,004	3,004	3,004	111,392	2,884	2,884
	10 to 24 "	91,217	2,854		109,361	2,831	
	24 to 36 "	60,191	1,882		76,981	1,993	
	36 to 55 "	46,598	1,458	6,194	58,643	1,519	6,343
	55 to 100 "	24,934	781		29,221	756	
	Over 100,	655	21	802	647	17	773
	Total,	319,599	10,000		386,245	10,000	
Slaves.	Under 10 years,	701,163	3,490	3,490	844,069	3,394	3,394
	10 to 24 "	621,337	3,092		781,206	3,141	
	24 to 36 "	371,371	1,849		475,160	1,910	
	36 to 55 "	230,767	1,149	6,090	284,465	1,144	6,195
	55 to 100 "	82,981	413		100,980	406	
	Over 100,	1,494	7	490	1,333	5	411
	Total,	2,009,043	10,000		2,487,213	10,000	

In order to give also a full comparative view of the ages of the English population, we copy from Mr. Porter's paper the following table:—

Statement of the number of persons living at different ages in England, as ascertained by the Census of 1841; *showing also the proportions in each* 10,000 *persons who were then living at each age specified.*

Ages.	Number living.			Proportion per 10,000.		
	Males.	Females.	Total.	Males.	Fem'es.	Males and females.
Under 5 years,	1,042,727	1,056,435	2,099,162	1,348	1,300	1,324
5 to 10 "	947,994	950,354	1,898,348	1,226	1,170	1,197
10 to 15 "	875,821	850,451	1,726,272	1,132	1,047	1,089
15 to 20 "	777,224	803,773	1,580,997	1,005	989	997
20 to 25 "	718,943	825,656	1,544,599	930	1,017	974
25 to 30 "	607,037	670,966	1,278,005	785	826	806
30 to 35 "	561,441	601,264	1,162,705	726	740	733
35 to 40 "	432,529	448,998	881,527	559	553	556
40 to 45 "	433,209	451,695	884,904	560	556	558
45 to 50 "	311,729	324,705	636,434	403	400	401
50 to 55 "	305,554	326,664	632,218	396	402	399
55 to 60 "	188,646	201,868	390,514	244	248	246
60 to 65 "	207,962	230,313	438,295	269	283	277
65 to 70 "	120,103	138,669	258,772	155	171	163
70 to 75 "	103,502	119,982	223,484	134	148	141
75 to 80 "	55,321	64,211	119,532	71	79	75
80 to 85 "	30,947	39,263	70,210	40	48	44
85 to 90 "	10,090	13,827	23,917	13	17	15
90 to 95 "	2,478	4,038	6,516	3	5	4
95 to 100 "	495	921	1,416	1	1	1
100 and upwards,	81	167	248	....	....	....
	7,733,853	8,124,222	15,858,075	10,000	10,000	10,000
Not ascertained,	37,088	11,426	48,514			
Total,	7,770,941	8,135,648	15,906,589			

XIV. PUBLIC AND PRIVATE CHARITIES IN BOSTON.

In an address delivered in September, 1830, President Quincy published a list of the voluntary contributions made by the citizens of Boston, for various charitable, literary, moral, and religious purposes, since the opening of the present century. The whole sum thus ascertained to have been given, within a period of thirty years, by the inhabitants of a city, which had a population in 1800 of only 25,000, and in 1830, of 60,000, was $1,801,273. In the "North American Review" for July, 1845, is contained an article, since published in a separate pamphlet, which gives a continuation of this list of charities in Boston, bringing it down to the present day. The facts were ascertained by direct application to the officers and records of the several institutions and societies to which the donations had been made, and no information was inserted but that which came from the most authentic sources. By the kindness of the writer of this article, Hon. Samuel A. Eliot, formerly Mayor of the city,

we are able to publish a revised and full statement, in a condensed form, uniting President Quincy's list with the one first published in the "Review," of the public and private charities of the people of Boston since the year 1800. In a statistical work respecting the United States, the statistics of private munificence for the furtherance of charitable, literary, and religious objects deserve an honorable place. We hope the example here set may induce some persons to collect the materials for similar lists of private charities in the other great cities of the Union. We will gladly publish any such statements that may be forwarded to us.

The following brief extract from the article in the "Review" seems to be necessary to show the proper nature of the statement which follows.

"It is an important preliminary inquiry, how the city, in its corporate capacity, has performed the duties of instruction and charity; and although other places may have done as much, or more, in some departments, than Boston has, yet it is satisfactory to observe that the appropriations go on increasing with the growth and means of the city. The sums spent upon the schools by order of the city government have grown from an average of $68,343.36 *per annum* in the first five years of the city, to an average of $153,690.55 in the last five years; while the sums devoted to the support or assistance of the poor in the former term of five years averaged $31,053.58, and in the latter $47,080.69. In both departments, more is effected with the same amount of money now than formerly, so that the mere comparison of the sums will scarcely give an adequate idea of the degree of improvement.

"The average of the last five years in the expenditure for the schools, including salaries, repairs, erection of new houses, supplies, and contingencies, makes a ratio of .2574 to the average tax assessed during the same years, or a little more than one quarter of the whole sum levied; while the average expenditure for both objects, namely, the schools and the support of the poor, including the expense of the hospital for insane and idiots, for the same term, forms an average of .3336, or one third of the whole tax. The ratio of the expenditure for both objects, during the whole term of the city charter, to the taxes assessed, is .3898, or 5½ *per cent.* more than one third of the taxes. The ratio of the last five years would have been much higher, but for the very remarkable diminution in the cost of the House of Industry, and in the sums distributed in the different wards by the Overseers of the Poor, during the last two years. The expense of the House of Industry fell from over $30,000 *per annum* to $14,779.60 in the financial year ending April 30, 1843, and to $14,082.90 in the year ending April 30, 1844; while the Overseers of the Poor, instead of spending twelve or thirteen thousand dollars *per annum*, distributed but $8,320.63 in the former year, and $7,337.46 in the latter. It will immediately occur to all who are familiar with the causes and consequences of pauperism, that the great and memorable reform in the use

of intoxicating liquors has produced this among other beneficent results. More than $20,000 a year, or one half of the whole charge, have been saved in the appropriations for the support of paupers alone,—by saving men from a self-destroying vice. It must not be forgotten, that the prosperity of the city, and the abundance of employment, for two or three years past, have contributed to this result. But that they have not produced it unaided is proved by the circumstance, that former periods of prosperity have shown no such striking diminution of the expense of pauperism to the city.

Donations to Institutions for Theological Education and other Objects of a Religious Character.

American Board of Commissioners for Foreign Missions, since 1810,	$278,166 89
American Education Society,	113,388 00
American Tract Society, since 1830,	25,420 39
American Unitarian Association,	22,233 04
Massachusetts Missionary Society,	40,000 00
Massachusetts Evangelical Missionary Society, since 1820,	7,769 57
Massachusetts Society for promoting Christian Knowledge,	7,900 00
Theological Institution at Andover,	21,824 00
Bible Society,	51,706 00
Benevolent Fraternity of Churches,	46,014 01
Theological Institution at Cambridge,	29,500 00
Society for promoting Christian Knowledge, Piety, and Charity,	1,800 00
Pitts Street Chapel, including cost of Land,	16,366 22
Suffolk Street Chapel, exclusive of Land,	16,052 08
Unitarian Association for Domestic Missions, within the last two years,	9,330 76
Boston Society for the Religious and Moral Instruction of the Poor,	41,329 82
City Mission, a new organization of the last named society, since 1840,	13,573 47
Foreign Evangelical Society,	8,166 33
Warren Street Chapel,	48,000 00
Pine Street Church, to relieve it from debt,	10,000 00
City Missionary, (a private agent,)	2,605 64
Protestant Episcopal City Mission, including donation for chapel,	35,900 00
Theological Institution at Newton,	28,333 00
Bangor Theological Seminary,	2,000 00
Waterville College, Maine,	5,500 00
Amount carried over,	$882,879 22

Amount brought over,			$882,879 22
Free Presbyterian Church of Scotland,			2,126 14
Protestant Episcopal Foreign Mission,			12,190 69
Protestant Episcopal Domestic Mission,			7,770 37
		Estimate.	
Baptist Foreign Mission,	Within 20 years.	60,000 00	
Baptist Domestic Mission,		30,000 00	
For erection of churches in various parts of the United States,		20,000 00	
For education in the ministry, exclusive of Baptist Seminary at Newton,		40,000 00	
			150,000 00
Total,			1,054,966 42

Donations to Institutions for Purposes of Instruction.

Lowell Institute,	245,000 00
Harvard College,	306,451 67
Boston Mechanics' Institution,	6,119 00
Society for the Diffusion of Useful Knowledge,	1,035 00
Washington College, Hartford, Ct.,	2,350 00
Amherst College,	36,104 00
Williams College,	25,183 00
Yale College, since 1825,	27,220 00
Bowdoin College, since its foundation,	64,909 19
Brown University, Providence,	4,629 00
Illinois College,	11,000 00
Shurtleff College, Illinois,	10,300 00
Marietta College, Ohio, (estimate by President,)	4,000 00
Oberlin Collegiate Institute, Ohio,	1,725 14
Perkins Institution for the Blind,	82,500 00
Hartford Asylum for the Deaf and Dumb, in 1816 and 1817,	4,950 00
Boston Society of Natural History,	36,378 50
Boston Athenæum, including subscription to new shares, $70,800, of which one third may be considered as a donation,	98,600 00
Charitable Mechanic Association,	55,000 00
Mercantile Library Association,	3,100 00
Mechanic Apprentices' Library Association,	1,800 00
Massachusetts Agricultural Society,	7,239 66
Normal Schools,*	10,000 00
Amount carried up,	$1,045,594 16

* By an individual.

Amount brought up,	$1,045,594 16
Medals for the High School for Boys,*	2,000 00
Groton Academy,*	10,000 00
Lane Seminary, Cincinnati, Ohio, (estimate,)	25,000 00
Horticultural Society,	11,000 00
Latin School Association,	2,000 00
Total,	1,095,594 16

Donations to Institutions for Charitable Purposes.

Massachusetts General Hospital and McLean Asylum,	640,912 93
Eye and Ear Infirmary,	45,458 48
Massachusetts Congregational Charitable Society,	52,783 00
Humane Society,	20,791 00
Massachusetts Charitable Society,	16,714 00
Boston Asylum for Indigent Boys and Farm School,	81,090 82
Boston Female Orphan Asylum,	120,021 99
Boston Seaman's Friend Society, (estimate by the Treasurer,)	48,238 16
Boston Penitent Female Refuge Society,	36,808 23
Boston Fragment Society,	21,895 94
Boston Dispensary,	39,155 00
Howard Benevolent Society,	59,900 00
Fatherless and Widows' Society,	25,974 00
Overseers of the Poor, (corporate fund,)	96,000 00
Boston Lying-in Hospital,	27,871 00
Boston Seamen's Aid Society,	15,667 98
Boston Port Society,	20,729 00
Boston Employment Society,	1,633 00
Boston Society for Employment of Female Poor,	6,048 28
Boston Orthopedic Institution,	1,400 00
Boston Episcopal Charitable Society,	40,329 53
Charitable Association of Boston Fire Department,	16,016 87
Prison Discipline Society,	30,494 71
Widows' Society,	17,634 77
Society for the Prevention of Pauperism,	6,288 35
Annuities and Donations to Individuals, in sums varying from $500 to $12,000,	179,530 62
Amount collected through several religious societies for charitable, literary, moral, or religious purposes,	469,425 00
Quarterly Charity Lecture at the Old South, amount given by individuals for permanent funds,	18,600 00
Amount carried over,	$2,157,412 66

* By an individual.

Amount brought over,	$2,157,412 66
Amount collected at the quarterly contributions since 1822,	5,000 00
Total,	2,162,412 66

Miscellaneous.

Bunker Hill Monument,	100,000 00
Temperance Cause, (estimate by its friends,)	100,000 00
Abolition of Slavery,	57,000 00
Emancipation of Slaves,*	7,000 00
Colonization, (estimated,)	1,300 00
Peace Society, from 1816 to present time,	7,371 38
Public Garden,	20,000 00
Boston Academy of Music, (for alteration of Odeon,)	5,038 00
Society for Diffusing Information among Emigrants, (extinct,)	919 25
Subscription for the Relief of Suffering at Rockport,	2,075 91
Subscription for the Relief of Suffering at Cape Cod,	4,794 35
Fire at Charleston, S. C., $5,000; at Mobile, Ala., 4,098 02; Fall River, 14,044 58; Hamburg, (Germ'y,) 900; Pittsburg, Pa., 15,000; Roxbury, 1,000; Church St., 2,859 33; Newburyport, 16,500; Boston, 34,528; St. Johns, N. B., 8,666; Augusta, Me., 2,264; Wiscasset, Me., 5,504—	110,363 93
Statue of Washington,	7,276 17
Monument to Franklin, $940; to John Harvard, 433 75; Hannah Adams, 300; J. S. Buckminster, 500; Dr. Murray, 300; Dr. Tuckerman, about 1,000; Dr. Spurzheim, 1,076; Dr. Kirkland, about 1,000; Dr. Bowditch, about 4,000; Dr. Channing, 1,800—	11,349 75
Bust of Dr. Freeman, in King's Chapel,	486 00
Bust of Dr. Greenwood in King's Chapel,	410 00
Fence, Trees, &c., for Granary Burial-Ground,	2,936 65
Total,	438,321 39

GENERAL SUMMARY.

For Theological Education and other Religious Objects,	$1,054,966 42
For Purposes of Instruction,	1,095,594 16
For Charitable Purposes,	2,162,412 66
For Miscellaneous Objects,	438,321 39
Grand Total,	$4,751,294 63

* By Dr. John G. Palfrey, the Secretary of State for Massachusetts, who emancipated 22 slaves that had become his property by inheritance in Louisiana.

"Application was also made to the churches of the city, associations which are well known to be in the constant habit of contributing not only to many of the objects above mentioned, but to others of various descriptions, both permanent and temporary. From the pastors or other officers of some of these churches returns were received of great exactness; but from the majority they were, perhaps from the necessity of the case, so incomplete as to be unsuitable for the desired purpose. It is probable that no records are kept of many donations made by these religious societies; but it is not the less certain that such donations are made, because their amount cannot be ascertained with precision. It will not be doubted by many persons, that, in the churches which have existed in the city within the last fifteen years, from seventy to eighty in number, an average of not less than $10,000 a year has been raised for the support of the poor belonging to them respectively. This item alone would make an addition of $150,000 to the foot of the above account. But there is another branch of benevolence, the great extent of which can neither be doubted, nor precisely ascertained; and that is, the unnumbered acts of love, pity, and sympathy which are and can be known only to the agent, the recipient, and Him who formed them to give and to receive. It would be no matter of surprise, if the amount bestowed in this secret way should make a near approach to that given openly; but as such deeds cannot be counted, nor their value be estimated in dollars and cents, the whole must be left to conjecture, till the arrival of that day when the gift even of a cup of cold water shall meet with its fit reward.

"One of the first observations which will naturally occur to every one on looking over the preceding list, is, not merely that there is a large amount of money voluntarily bestowed, but that it is given for a great variety of purposes. There are thirty-one societies or institutions having religious objects, twenty-six for purposes of literary education, and twenty-five for the relief of physical and moral wants. Thirty-one other objects of more or less general interest are added, and doubtless many more may be known to individuals. And it is a little singular, that, in a country so often reproached as this with want of gratitude to its benefactors, there should be contained in such a list no less than thirteen subscriptions for monuments to the memory of as many honored individuals, ten of whom were the contemporaries of the present generation; and besides these, there is the comprehensive monument in honor of the achievement of our fathers at Bunker Hill."

XV. COMMERCE.

1. Value of Different Articles Imported.

Value of Goods, Wares, and Merchandise, imported into the United States, during the year ending June 30th, 1844.

Species of Merchandise.	Value.
Free of Duty.	
Bullion, gold,	$93,150
silver,	208,694
Specie, gold,	1,530,154
silver,	4,008,431
Teas,	4,075,195
Coffee,	9,594,877
Copper, in plates and sheets,	688,610
In pigs and bars, old,	625,271
Brass, in pigs and bars, old,	49,241
Dye wood, in sticks,	428,049
Barilla,	50,394
Burr stones, unwrought,	17,008
Crude brimstone,	75,124
Articles imported for the use of the United States,	95,438
For Philosophical Societies, &c.	
Philosophical appar'us, &c.,	1,312
Books, maps and charts,	19,815
Statuary, busts, casts, &c.,	85
Paintings, drawings, &c.,	3,434
Wood, not specified,	38,218
Specimens of botany, &c.,	15,786
Models and inventions of machinery,	2,737
Anatomical preparations,	1,879
Crude antimony,	104
Bark of the cork tree,	11,505
Clay, unmanufactured,	5,897
Animals for breed,	27,534
Nuts and berries, for dyeing,	804
Pewter, old,	252
Paintings of American artists,	2,017
Gypsum, or plaster of Paris,	80,922
Epaulets and wings, of gold or silver,	301
All other articles,	3,024,643
Total,	$24,766,881
Merchandise paying Duties ad Valorem.	
Manufactures of Wool—	
Cloths and cassimeres,	4,777,940
Merino shawls of wool,	271,534
Blankets, not exceeding 75 cents each,	370,284
Exceeding 75 cents each,	634,542
Worsted stuffs,	1,835,875
Hosiery, gloves, and mitts,	662,905
Woollen and worsted yarn,	159,020
Other articles,	396,178
Manufactures of Cotton—	
Dyed, printed, or colored,	8,694,219
Manufactures of Cotton—	
White or uncolored,	$1,670,769
Velvets, cords, &c.,	672,634
Twist, yarn, and thread,	637,006
Hosiery, gloves, and mitts,	1,121,460
Other manufactures,	645,390
Silk and worsted goods,	1,292,488
Camlets, and mohair goods,	52,571
Silks, floss, &c.,	1,224,263
Lace—	
Thread and cotton,	962,675
Gold, and silver, &c.,	26,148
Manufactures of Flax—	
Linens, bleached and unbleached,	3,703,532
Other articles,	789,294
Manufactures of Hemp—	
Sheetings, brown & white,	200,215
Ticklenburgs, osnaburgs, & burlaps,	236,736
Other articles,	64,067
Clothing—	
Ready made,	66,175
Other articles of wear,	864,886
Grass cloth, carpeting, not specified,	15,294
Matting and mats,	42,008
Wire, brass and copper,	2,136
Arms, fire and side,	73,214
Manufactures of—	
Iron and steel,	2,708,923
Copper,	131,691
Brass,	82,147
Tin,	28,599
Other metals,	19,015
Saddlery,	162,630
Leather, not specified,	77,487
Wood,	80,720
Glass—	
Plate glass, exceeding 22 by 14 inches,	50,763
Silvered, framed, and other,	176,642
Hats, bonnets, &c.—	
Leghorn, straw, chip, &c.,	713,483
Palm leaf,	24,259
Wares—	
China and porcelain,	111,840
Earthen and stone,	1,521,642
Plated and gilt,	123,855
Japanned,	26,367
Furs—	
Undressed, on the skin,	302,522
Hats, caps, and muffs,	26,888
Hatters' and others,	519,893
Hair cloth and hair seating,	25,393
Brushes of all kinds,	58,885

Species of Merchandise.	Value.
Paper hangings,	$27,203
Paper of all kinds,	77,445
Black lead pencils,	13,862
Copper bottoms, cut round, &c.	4,075
Zinc, in plates and sheets,	113,099
Chronometers and clocks,	12,554
Watches and parts of	487,142
Manufactures of gold and silver,	32,394
Jewelry,	102,107
Quicksilver,	77,464
Buttons, metal and other,	37,201
Teas, imported from other places than that of their growth or production,	45,590
Coffee, so imported,	169,677
Corks,	79,551
Quills,	3,231
Wood, unmanufactured—	
Mahogany and rose,	200,579
Wool, unmanufactured—	
Not over 7 cents per pound,	754,441
Exceeding 7 cents per lb.,	97,019
Articles not enumerated—	
At 1 per cent.	240,881
At 2½ " "	1,369,319
At 5 " "	4,187,074
At 7 " "	25,738
At 7½ " "	24,256
At 10 " "	165,458
At 12½ " "	5,181
At 15 " "	223,938
At 20 " "	2,290,049
At 25 " "	1,092,661
At 30 " "	973,244
At 35 " "	34,771
Total,	$52,315,291

MERCHANDISE PAYING SPECIFIC DUTIES.

Silks—	
Sewing silk, silk twist, &c.,	496,745
Pongees, and plain silk,	360,979
Manufactures of silk, not specified,	6,208,239
Raw silk,	172,953
Silk and satin Bonnets, and Shoes—	
Shoes and slippers,	1,802
Laced boots and bootees,	144
Shoes and slippers for children,	12
Silk hats for men,	14,194
Silk and satin bonnets,	6,201
Flannels,	37,795
Baizes and bockings,	40,214
Carpeting—	
Wilton,	42,968
Saxony,	2 850
Brussels,	226,377
Venetian,	14,325
Other ingrained,	2,055
Sail duck,	350,317
Bagging—	
Of cotton,	$153,094
Of other materials than hemp or flax,	5,671
Floor cloth,	7,501
Oil Cloth—	
Furniture, on Canton flan'l,	584
Furniture, not specified,	11,033
Of linen, silk, &c., for covers, &c.,	11,209
Wines, in casks, bottles, &c.—	
Madeira,	30,575
Sherry,	23,418
Champagne,	210,333
Port, in bottles,	1,102
Burgundy, in bottles,	853
Claret, in bottles,	35,315
Port, in casks,	156,878
Burgundy, in casks,	3,652
Teneriffe, in casks, or bot's,	6,186
Claret, in casks,	218,239
Marsala, or Sicily Madeira,	11,290
Other wines of Sicily,	3,710
Wines, red, not enumerated, in casks—	
Of France,	54,721
Of Prussia,	650
Of Portugal & possessions.	4,725
Wines, white, not enumerated, in casks—	
Of France,	50,360
Of Austria,	59
Of Portugal & possessions,	24,671
Wines, white, not enumerated, in bottles—	
Of France,	5,270
Of Portugal & possessions,	12
Wines, white & red, not enumerated, in casks—	
Of Spain,	38,390
Of Germany,	13,517
Of the Mediterranean,	3,191
Wines, white & red, not enumerated, in bottles—	
Of Spain,	1,073
Of Germany,	2,815
Of the Mediterranean,	90
Wines, other, not enumerated—	
In bottles,	1,365
In casks,	6,545
Foreign Distilled Spirits—	
From grain,	171,015
Brandy,	606,633
From other materials,	78,027
Cordials,	23,302
Beer, Ale, and Porter—	
In bottles,	116,965
In casks,	6,749
Vinegar,	3,965
Molasses,	2,633,753 gr
Oil—	
Spermaceti,	743
Whale and other fish,	147
Olive, in casks,	12,407
Castor,	244

Species of Merchandise.	Value.
Oil—	
Linseed,	$155,624
Rapeseed,	20
Of almonds,	604
Of cloves,	2,943
Cocoa,	236,622
Chocolate,	1,055
Sugar—	
Brown,	6,793,540
White clayed,	267,704
Loaf, and other refined,	134,454
Candy,	391
Syrup of sugar cane,	2
Fruits—	
Almonds,	95,531
Currants,	37,345
Prunes,	29,087
Figs,	73,375
Dates,	2,167
Raisins, in jars, &c.,	318,142
Other raisins,	58,382
Nuts, not specified, except those used for dyeing,	73,769
Spices—	
Mace,	1,089
Nutmegs,	97,532
Cinnamon,	8,338
Cloves,	56,027
Pepper, black,	59,037
Pepper, Cayenne, &c.	2,086
Pimento,	46,765
Cassia,	85,432
Ginger, ground,	352
Ginger, in root,	7,376
Camphor—	
Crude,	97,496
Refined,	1,545
Candles—	
Wax and spermaceti,	466
Tallow,	14
Cheese,	7,636
Soap—	
Hard,	1,787
Soft,	4
Tallow,	461
Starch,	876
Pearl barley,	3,485
Butter,	164
Lard,	3
Beef and Pork,	6,312
Hams and Bacon,	3,222
Bristles,	84,011
Saltpetre, partly refined,	21,232
Indigo,	1,145,067
Woad or pastel,	5,195
Ivory or bone black,	1,398
Alum,	6
Opium,	61,040
Glue,	1,350
Gunpowder,	2,818
Copperas,	2
Vitriol—	
Blue or Roman,	487
Oil of	6
Quinine,	2,234

Species of Merchandise.	Value.
Bleaching powder,	$111,092
Sulphate of barytes,	1,205
Tobacco, manufactured—	
Snuff,	311
Cigars,	974,431
All other,	533
Cotton, unmanufactured,	651,326
Thibet, Angora, and other goats' hair,	20,683
Paints—	
Ochre, dry,	11,497
" in oil,	118
White and red lead,	12,252
Whiting and Paris white,	241
Litharge,	207
Putty,	1
Sugar of lead,	986
Cordage—	
Tarred and cables,	66,349
Untarred,	5,273
Untarred yarn,	9,544
Twine and packthread,	110,194
Seines,	5,298
Hemp,—	
Unmanufactured,	262,365
Manilla, sun, and other hemps of India,	209,385
Jute, Sisal grass, coir, &c., used for cordage,	28,692
Codilla, or tow of hemp or flax,	15,763
Flax, unmanufactured,	67,738
Rags unmanufactured,	295,589
Hats of wool,	20
Hat bodies, or felts, of wool,	69
Glass—	
Watch crystals,	3,008
Glasses or pebbles, for spectacles,	7,305
Cut Glass—	
Cut one third the height or length thereof,	489
Cut not above one half,	347
Cut one half and exceeding,	904
Cut chandeliers, candlesticks, &c.,	11,271
Plain Glass—	
Moulded or pressed, over 8 ounces,	2,299
Do., 8 oz. or under,	1,227
Do., over 8 oz. when stoppered,	307
Do., 8 oz. or under when stoppered,	775
Do., tumblers,	584
Do., tumblers, stop'ed, &c.,	146
Cylinder Window Glass—	
Not above 8 by 10 inches,	254
Not above 10 by 12,	989
Not above 14 by 10,	772
Not above 16 by 11,	576
Not above 18 by 12,	452
Above 18 by 12,	2,783
Crown Window Glass—	
Not above 16 by 11 inches,	496

Species of Merchandise.	Value.	Species of Merchandise.	Value.
Crown Window Glass—		*Manufactures of Iron—*	
Not above 18 by 12,	$102	Steam, gas, or water tubes or pipes,	$100
Above 18 by 12,	173	Anchors, or parts,	3,397
Polished Plate Glass, not silv'd—		Anvils,	52,573
Not above 12 by 8 inches,	258	Blacksmiths' hammers, sledges, &c.,	2,649
Not above 14 by 10,	301	Castings, vessels of	24,026
Not above 16 by 11,	559	" all other,	10,588
Not above 18 by 12,	3,411	Glazed or tinned hollow ware,	26,742
Not above 22 by 14,	5,368	Sad irons, hatters' and tailor's irons,	852
Apothecaries' Vials & Bottles—		Cast butts, or hinges,	53,877
Not exceeding 6 oz. each,	1,039	Axletrees, or parts thereof,	1,153
Not exceeding 16 oz. each,	262	Round or square iron, from 3-16ths to 10-16ths inch,	29,452
Perfumery Vials and Bottles—		Nail or spike rods, slit, rolled, or hammered.	1,324
Not exceeding 4 oz. each,	137	Sheet iron, except taggers',	146,129
Not exceeding 16 oz. each,	22	Hoop iron,	6,642
Black and Green Bottles—		Band & scroll iron, & casement rods, slit, rolled, or hammered,	6,109
Exceeding 8 oz. and not above 1 quart each,	32,426	*Iron—*	
Exceeding 1 quart each,	1,999	Pig iron,	200,522
Demijohns and Carboys—		Old and scrap,	43,396
Not half a gallon each,	80	Bar, manuf'd by rolling,	1,065,582
Not above 3 gallons each,	4	" " otherwise,	583,065
Exceeding 3 gallons each,	4,548	*Steel—*	
Copper—		Cast, shear, and German,	442,964
Rods and bolts,	522	All other,	44,498
Nails and spikes,	368	*Leather—*	
Patent sheathing metal,	8,971	Tanned, sole or bend,	249
Lead—		Upper, not otherw. speci'd,	182
Shot,	5	Calf skins, tanned & dr'sed,	32,321
Pipes,	13	Sheep skins, do. do.	37,366
Old and scrap,	73	Skivers,	3,230
In sheets and forms not specified,	11	Goat skins, tanned & dr'sed,	8,510
Brass battery, or hammered kettles,	225	Morocco skins, do. do.	4,017
Brass screws,	39	Kid skins, or morocco, tanned and dressed,	4,193
Pins—		Goat and sheep skins, tanned and not dressed,	2,317
Solid-headed, in packs of 5,000 each,	20,014	Kid and lamb skins, do. do.	51
Pound pins,	22,921	Fawn, kid, & lamb, known as chamois,	2,538
Fire Arms—		*Leather Gloves—*	
Muskets,	17,945	Men's leather gloves,	136,490
Rifles,	196	Women's leather gloves,	427,271
Cap or Bonnet Wire—		Women's extra and demi-length gloves,	9,806
Covered with silk,	845	Children's leather habit do.,	6,945
" with other mate'ls,	1,138	*Boots, &c., of leather, and other materials—*	
Iron and Steel Wire—		Men's boots and bootees,	15,719
Not above No. 14,	7,175	Men's shoes and pumps,	1,029
Above No. 14, and not above No. 25,	7,163	Women's boots & bootees,	520
Above No. 25,	1,983	Wo'n's double-sole pumps,	275
Tacks, brads, and sprigs—		Women's shoes & slippers,	3,647
Not above 16 oz. per M.,	543	Women's shoes and slippers of prunella, &c.,	4,045
Above 16 oz. per M.,	1,365	Children's boots, bootees, & shoes,	299
Manufactures of Iron—			
Wood screws,	6,135		
Wrought nails,	42,663		
Cut nails,	740		
Spikes, cut or wrought,	713		
Chain cables and parts,	28,775		
Chains, other than cables,	63,168		
Wrought iron, for ships, locomotives, &c.	450		
Malleable irons or castings,	1,808		
Mill, cross cut, & pit saws,	4,344		

Species of Merchandise.	Value.	Species of Merchandise.	Value.
Paper—		*Books—*	
Folio and quarto post,	$7,883	Printed in English, bound,	$10,043
Antiquarian and drawing,	22	Do., unbound,	58,564
Medium, demy, foolscap, pot, and pith,	8,761	Printed and published one year before importation, and not republished in the United States, or 5 years before importat'n, bound,	12,069
All other writing,	1,514	Do., unbound,	27,900
Copperplate, blotting, and copying,	18,960	Reports of legislative committees, &c.,	37
Col'd, for labels & needles,	13	Polyglots, lexicons, and dictionaries,	5,595
Marble and fancy colored,	653	Salt,	911,512
Glass paper,	10	Coal,	236,963
Morocco paper,	268	Coke, or culm,	398
Pasteboard, pressingboard, and sand paper,	261	*Breadstuffs—*	
Tissue paper,	464	Wheat,	545
Gold or silver paper,	47	Barley,	664
Colored copperplate, printing, and stainers',	654	Rye,	49
Sheathing, wrapping, and cartridge,	1,942	Oats,	1,798
Playing cards,	56	Indian corn,	6
All other paper,	3,390	Indian meal,	1
Books—		Wheat flour,	139
Blank books, bound,	361	Potatoes,	33,960
Do., unbound,	5	*Fish—*	
Printed in Latin or Greek, bound,	7,752	Dried or smoked,	3,067
Do., unbound,	2,940	Salmon,	70,111
Printed in Hebrew, Greek, Latin, or English, 40 y'rs before importation,	7,833	Mackerel,	164,139
Printed in Hebrew, bound,	6,666	Herrings,	1,584
Do., unbound,	448	All other,	25,179
Printed in other languages than Hebrew, Greek, Latin, or English, bound or in boards,	54,710	*Value of merchandise paying specific duties,*	$31,352,863
Do., in sheets or pamph's,	3,749	*Do. do. ad valorem,*	52,315,291
		Do. do. free of duty,	24,766,861
		Total,	$108,435,035

2. *A Statement exhibiting the value of Merchandise imported from* 1821 *to* 1843, *and also the amount of Duties which accrued annually upon such Merchandise during the said period.*

Years ending Sept. 30.	VALUE OF IMPORTS.			Gross duties on merchandise.
	Free of duty.	Paying duty.	Total.	
1825	$10,947,510	$85,392,565	$96,340,075	$31,653,871 50
1826	12,567,769	72,406,708	84,974,477	26,083,861 97
1827	11,855,104	67,628,964	79,484,068	27,948,956 57
1828	12,379,176	76,130,648	88,509,824	29,951,251 90
1829	11,805,501	62,687,026	74,492,527	27,688,701 11
1830	12,746,945	58,130,675	70,876,920	28,389,505 05
1831	13,456,625	89,734,499	103,191,124	36,596,118 19
1832	14,249,453	86,779,513	101,029,266	29,341,175 65
1833	32,447,950	75,670,361	108,118,311	24,177,578 52
1834	68,393,180	58,128,152	126,521,332	18,960,705 96
1835	77,940,493	71,955,249	149,895,742	25,890,726 66
1836	92,056,481	97,923,554	189,980,035	30,818,327 67
1837	69,250,031	71,739,186	140,989,217	18,134,131 01
1838	60,860,005	52,857,399	113,717,404	19,702,825 45
1839	76,401,792	85,690,340	162,092,132	25,654,533 96
1840	57,196,204	49,945,315	107,141,519	15,104,790 63
1841	66,019,731	61,926,446	127,946,177	19,919,492 17
1842	30,627,486	69,534,601	100,162,087	16,622,746 84
9 mo's, '43	35,574,584	29,179,215	64,753,799	13,179,116 00

3. Exports of the Produce of the United States.

Summary Statement of the Value of the Exports of the Growth, Produce, and Manufacture of the United States, during the nine months ending on the 30th of June, 1843, and for the year ending on the 30th day of June, 1844.

	9 mos. ending June 30, 1843.	Year ending June 30, 1844.
The Sea.		
Fisheries—		
Dried fish, or cod fisheries,	$381,175	$699,836
Pickled fish, or river fisheries, (herring, shad, salmon, mackerel,)	116,042	197,179
Whale and other fish oil,	803,774	1,464,968
Spermaceti oil,	310,768	344,930
Whalebone,	257,481	463,096
Spermaceti candles,	243,308	180,492
The Forest.		
Skins and furs,	453,869	742,196
Ginseng,	193,870	95,008
Products of Wood—		
Staves, shingles, boards, hewn timber,	1,026,179	1,672,279
Other lumber,	211,111	326,945
Masts and spars,	19,669	23,274
Oak bark, and other dye,	39,538	70,370
All manufactures of wood,	391,312	919,100
Naval stores, tar, pitch, rosin, and turpentine,	475,357	818,692
Ashes, pot and pearl,	541,004	1,140,848
Agriculture.		
Products of Animals—		
Beef, tallow, hides, horned cattle,	1,092,949	1,810,551
Butter and cheese,	508,968	758,829
Pork, (pickled,) bacon, lard, live hogs,	2,120,020	3,236,479
Horses and mules,	212,696	315,696
Sheep,	29,061	27,824
Vegetable Food—		
Wheat,	264,109	500,400
Flour,	3,763,073	6,759,488
Indian Corn,	281,749	404,008
Indian meal,	454,166	641,029
Rye meal,	65,631	104,391
Rye, oats, and other small grain and pulse,	108,640	133,477
Biscuit, or shipbread,	312,232	388,603
Potatoes,	47,757	74,108
Apples,	32,825	51,465
Rice,	1,625,726	2,182,468
Tobacco,	4,650,979	8,397,255
Cotton,	49,119,806	54,063,501
All other Agricultural Products—		
Flaxseed,	49,406	23,749
Hops,	123,745	51,550
Brown Sugar,	3,435	12,363
Indigo,	198	1,176
Manufactures.		
Soap, and tallow candles,	407,105	619,544
Leather, boots and shoes,	115,355	204,000
Household furniture,	197,982	327,938
Coaches and other carriages,	48,036	63,931

	9 mos. ending June 30, 1843.	Year ending June 30, 1844.
Hats,	$39,843	$75,649
Saddlery,	17,653	34,552
Wax,	137,532	278,039
Beer, porter, and cider,	44,064	56,697
Spirits from grain,	21,395	59,312
Snuff and tobacco,	278,319	536,600
Lead,	492,765	595,238
Linseed oil, and spirits of turpentine,	29,434	68,476
Cordage,	22,198	49,242
Iron—		
Pig, bar and nails,	120,923	133,522
Castings,	41,189	54,598
All manufactures of,	370,581	528,212
Spirits from molasses,	117,537	241,604
Sugar, refined,	47,345	128,594
Chocolate,	2,032	2,150
Gunpowder,	47,088	130,923
Copper and brass,	79,234	91,446
Medicinal drugs,	108,438	166,805
Cotton piece goods—		
Printed and colored,	358,415	385,403
White,	2,575,049	2,298,800
Twist, yarn, and thread,	57,312	44,421
All manufactures of,	232,774	170,156
Flax and hemp—bags, and all manufactures of,	326	311
Wearing apparel,	28,845	117,570
Combs and buttons,	23,227	30,778
Brushes,	4,467	5,962
Billiard tables, and apparatus,	415	2,534
Umbrellas and parasols,	4,654	6,514
Leather and morocco skins, not sold per pound,	26,782	39,197
Printing presses and type,	20,530	36,243
Musical instruments,	6,684	17,050
Books and maps,	23,643	42,432
Paper and stationery,	51,391	83,108
Paints and varnish,	28,994	44,060
Vinegar,	7,555	8,315
Earthen and stone ware,	2,907	4,884
Manufactures of—		
Glass,	25,348	77,860
Tin,	5,026	6,421
Pewter and lead,	7,121	10,018
Marble and stone,	8,545	19,135
Gold and silver, and gold leaf,	1,905	2,638
Gold and silver coin,	107,429	183,405
Artificial flowers and jewelry,	3,769	6,761
Molasses,	1,317	3,922
Trunks,	2,072	7,481
Brick and lime,	3,883	12,833
Domestic salt,	10,262	47,755
Articles not enumerated—		
Manufactured,	470,261	1,600,090
Other articles,	575,199	854,427
Total,	77,793,783	99,715,179

4. Imports from, and Exports to, Foreign Countries.

Table exhibiting the Value of Imports from, and Exports to, each Foreign Country, during the year ending June 30th, 1844.

	Countries.	Value of Imports.	Value of Exports.		
			Domestic Produce.	Foreign Produce.	Total.
1	Russia,	$1,059,419	$414,882	$140,532	$555,414
2	Prussia,	12,609	194,606	23,968	218,574
3	Sweden and Norway,	421,334	217,870	12,232	230,101
4	Swedish West Indies,	23,719	63,884	1,360	65,244
5	Denmark,	6,063	100,859	11,975	112,834
6	Danish West Indies,	624,447	783,192	87,130	870,322
7	Holland,	1,310,061	2,517,921	181,023	2,698,944
8	Dutch East Indies,	935,984	98,313	261,070	359,383
9	Dutch West Indies,	386,223	303,438	19,848	323,286
10	Dutch Guiana,	49,144	66,980	4,792	71,772
11	Belgium,	634,777	1,852,571	151,230	2,003,801
12	Hanse Towns,	2,136,386	3,174,483	392,204	3,566,687
13	England,	41,476,061	45,814,942	1,125,214	46,940,156
14	Scotland,	527,239	1,936,591	16,882	1,953,473
15	Ireland,	88,064	42,591		42,591
16	Gibraltar,	44,274	502,462	77,421	579,883
17	Malta,	15	9,752	7,246	16,998
18	British East Indies,	882,792	338,413	337,553	675,966
19	Australia,	122	29,667		29,667
20	Cape of Good Hope,	29,166	82,938		82,938
21	British West Indies,	687,906	4,114,218	21,828	4,136,046
22	British Guiana,	9,385	307,052	2,184	309,236
23	Honduras,	248,343	197,495	41,524	239,019
24	British American Colonies,	1,465,715	5,361,186	1,354,717	6,715,903
25	France, on the Atlantic,	15,946,166	11,861,419	2,287,084	14,148,503
26	France on the Mediterranean,	1,603,318	1,204,793	65,104	1,269,897
27	French West Indies,	374,695	581,566	35,978	617,546
28	French Guiana,	28,233	56,006	1,033	57,039
29	Miquelon and French Fisheries,		3,484		3,484
30	Bourbon,		16,967		16,967
31	Spain on the Atlantic,	252,127	569,631	23,806	593,439
32	Spain on the Mediterranean,	361,237	15,766	23,340	39,106
33	Teneriffe and the other Canaries,	61,653	14,493	1,042	15,535
34	Manilla, and Philippine Islands,	724,811	91,769	131,226	222,997
35	Cuba,	9,930,421	4,304,062	934,533	5,238,595
36	Other Spanish West Indies,	2,425,202	636,962	5,177	642,139
37	Portugal,	199,705	99,553	3,565	103,118
38	Madeira,	22,904	44,763	7,523	52,286
39	Fayal and the other Azores,	29,570	39,246	6,963	26,229
40	Cape de Verd Islands,	4,836	65,236	5,299	70,537
41	Italy,	1,096,926	318,566	258,257	576,823
42	Sicily,	462,773	75,624	278,692	354,316
43	Sardinia,		92,522		92,522
44	Trieste,	232,089	1,257,265	168,735	1,426,020
45	Turkey,	385,866	186,139	97,245	283,384
46	Texas,	676,551	196,447	81,101	277,548
47	Mexico,	2,387,002	1,292,752	502,081	1,794,833
48	Central America,	223,406	103,377	46,899	150,276
49	Venezuela,	1,435,479	442,491	88,741	531,232
50	New Granada,	189,616	75,621	49,225	124,846
51	Brazil,	6,883,806	2,409,418	408,834	2,818,252
52	Argentine Republic,	1,421,192	245,339	258,950	504,289
53	Cisplatine Republic,	144,763	394,266	67,910	462,176
54	Chili,	750,370	856,645	248,576	1,105,221
55	Peru,	184,424	14,053	2,754	16,807
56	South America generally,		125,938		125,938
57	Hayti,	1,441,244	1,082,607	45,549	1,128,356
58	China,	4,931,255	1,110,023	646,918	1,756,941
59	Europe generally,		28,700		28,700
60	Asia generally,	34,908	173,021	289,641	462,662
61	Africa generally,	459,237	641,306	68,938	710,244
62	Morocco,	5,876			
63	West Indies generally,		173,460	7,988	181,448
64	South Seas,	41,504	307,353	42,026	349,379
65	Northwest coast of America,			2,178	2,178
	Total,	108,435,035	99,715,179	11,484,867	111,200,046

5. Imports and Exports of each State.

Imports and Exports of each State and Territory, during the year ending on the 30th of June, 1844.

States and Territories.	Value of Imports.			Value of Exports.		
	In American vessels	In Foreign vessels.	Total.	Domestic produce.	Foreign produce.	Total.
Maine,	$500,242	$70,582	$570,824	$1,164,964	$11,171	$1,176,135
N. Hampshire,	27,185	4,235	31,420	5,994	690	6,684
Vermont,	97,183		97,183	196,574	216,793	413,367
Massachusetts,	15,444,060	4,851,947	20,296,007	6,371,836	2,724,450	9,096,286
Rhode Island,	265,825	3,612	269,437	257,602	3,175	260,777
Connecticut,	317,135	6,164	323,299	798,725	1,291	800,016
New York,	58,315,222	6,764,294	65,079,516	26,009,177	6,852,363	32,861,540
New Jersey,		17,670	17,670	13,899	4,300	18,189
Pennsylvania,	6,833,300	383,967	7,217,267	3,265,027	270,229	3,535,256
Delaware,	8,093		8,093	125,771	406	126,177
Maryland,	3,659,794	257,956	3,917,750	4,841,950	291,216	5,133,166
Dist. Columbia,	44,385	21,243	65,628	550,296	9,254	559,552
Virginia,	222,328	41,326	267,654	2,923,238	19,041	2,942,279
North Carolina,	196,227	12,915	209,142	298,401		298,401
South Carolina,	792,560	338,955	1,131,515	7,429,585	3,697	7,433,282
Georgia,	213,701	91,933	305,634	4,263,805		4,263,805
Alabama,	246,955	195,863	442,818	9,906,195	1,459	9,907,654
Mississippi,	6,693,573	1,133,216	7,826,789	29,442,734	1,055,573	30,498,307
Louisiana,						
Ohio,						
Kentucky,	25,627		25,627			
Tennessee,	31,510	4,505	36,015	543,856		543,856
Michigan,	19,379		19,379			
Missouri,	120,673		120,673	293,901		293,901
Florida,	95,716	59,979	155,695	991,657	19,759	1,011,416
Total,	94,174,673	14,260,362	108,435,035	99,715,179	11,484,867	111,200,046

XVI. *Table exhibiting the Seats of Government, the Times of Holding the Election of State Officers, and the Times of the Meeting of the Legislatures of the several States.*

States.	Seats of Government.	Times of Holding Elections.	Times of the Meeting of the Legislatures.
Maine,	Augusta,	2d Monday in Sept.	2d Wednesday in January.
N. Hampshire,	Concord,	2d Tuesday in March,	1st Wednesday in June.
Vermont,	Montpelier,	1st Tuesday in Sept.	2d Thursday in October.
Massachusetts,	Boston,	2d Monday in Nov.	1st Wednesday in January.
Rhode Island,	Providence, and Newport,	1st Wed. in April,	1st Tuesday in May last Monday in October.
Connecticut,	Hart. & N. Hav.	1st Monday in April,	1st Wednesday in May.
New York,	Albany,	1st Monday in Nov.	1st Tuesday in January.
New Jersey,	Trenton,	Tu. af. 1st Mon. in Nov.	4th Tuesday in January.
Pennsylvania,	Harrisburg,	2d Tuesday in Oct.	1st Tuesday in January.
Delaware,	Dover,	2d Tuesday in Nov.	1st Tuesday in Jan. *biennially.*
Maryland,	Annapolis,	1st Wednesday in Oct.	last Monday in December.
Virginia,	Richmond,	4th Thursday in April,	1st Monday in December.
N. Carolina,	Raleigh,	Commonly in August,	2d Monday in Nov. *bienn.*
S. Carolina,	Columbia,	2d Monday in Oct.	4th Monday in November.
Georgia,	Milledgeville,	1st Monday in Oct.	1st Monday in Nov. *biennially.*
Alabama,	Tuscaloosa,	1st Monday in Aug.	1st Monday in December.
Mississippi,	Jackson,	1st Mon. & Tues. Nov.	1st Monday in Jan. *bienn.*
Louisiana,	New Orleans,	1st Monday in July,	1st Monday in January.
Arkansas,	Little Rock,	1st Monday in Oct.	1st Monday in Nov. *bienn.*
Tennessee,	Nashville,	1st Thursday in Aug.	1st Monday in Oct. *bienn.*
Kentucky,	Frankfort,	1st Monday in Aug.	1st Monday in December.
Ohio,	Columbus,	2d Tuesday in Oct.	1st Monday in December.
Indiana,	Indianapolis,	1st Monday in Aug.	1st Monday in December.
Illinois,	Springfield,	1st Monday in Aug.	1st Monday in Dec. *bienn.*
Missouri,	Jefferson City,	1st Monday in Aug.	1st Monday in Nov. *bienn.*
Michigan,	Detroit,	1st Tuesday in Nov.	1st Monday in January.

XVII. GOVERNORS OF THE SEVERAL STATES AND TERRITORIES,

With their Salaries, Terms of Office, and Expiration of their respective Terms; the Number of Senators and Representatives in the State Legislatures, with their respective Terms.

States.	Governors.	Salary.	Gov. Term, Years.	Term expires.	Senators.	Term Y'rs.	Representatives.	Term Y'rs.
Maine,	Hugh J. Anderson,	1,500	1	Jan. 1846	31	1	151	1
N. H.	John H. Steele,	1,000	1	June 1846	12	1	250	1
Vt.	William Slade,	750	1	Oct. 1846	30	1	230	1
Mass.	George N. Briggs,	2,500	1	Jan. 1846	40	1	356	1
R. I.	Charles Jackson,	400	1	May 1846	31	1	69	1
Conn.	Roger S. Baldwin,	1,100	1	May 1846	21	1	215	1
N. Y.	Silas Wright,	4,000	2	Jan. 1847	32	4	128	1
N. J.	Chas. C. Stratton,	2,000	3	Jan. 1848	18	3	58	1
Penn.	Francis R. Shunk,	3,000	3	Jan. 1848	33	3	100	1
Del.	Thomas Stockton,	1,333½	3	Jan. 1848	9	4	21	2
Md.	Thomas G. Pratt,	4,200	3	Jan. 1848	21	6	82	1
Va.	James McDowell,	3,333⅓	3	Jan. 1846	32	4	134	1
N. C.	Wm. A. Graham,	2,000	2	Jan. 1847	50	2	120	2
S. C.	William Aiken,	3,500	2	Dec. 1846	45	4	124	2
Ga.	Geo. W. Crawford,	3,500	2	Nov. 1845	47	1	130	1
Ala.	Benj. Fitzpatrick,	3,500	2	Dec. 1845	33	3	100	1
Mp.	Albert G. Brown,	3,000	2	Jan. 1846	30	4	91	2
La.	Alex. Mouton,	6,000	4	Jan. 1847	17	4	60	2
Ark.	Thomas S. Drew,	2,000	4	Nov. 1848	25	4	75	2
Tenn.	Aaron V. Brown,	2,000	2	Oct. 1847	25	2	75	2
Ky.	William Owsley,	2,500	4	Sept. 1848	38	4	100	1
Ohio,	Mordecai Bartley,	1,500	2	Dec. 1846	36	2	72	1
Mich.	John S. Barry,	1,500	2	Jan. 1846	18	2	53	1
Ind.	James Whitcomb,	1,500	3	Dec. 1846	30	3	62	1
Ill.	Thomas Ford,	1,000	4	Dec. 1846	40	4	91	2
Mo.	John C. Edwards,	1,500	4	Nov. 1848	18	4	49	2
Fl. *Territ.*	Wm. D. Moseley,	2,500	4	July 1849	17	2	41	1
Wisc.	Henry Dodge,	2,500	3	Mar. 1848	13	2	26	1
Iowa,	John Chambers,	2,500	3	July 1848			26	1

In all the States except *Virginia* and *South Carolina*, the Governor is voted for by the people; and if no one has a majority of all the votes, in the States in which such a majority is required, the Legislature elects to the office of Governor one of the candidates voted for by the people.

XVIII. COLLEGES IN THE

	Name.	Place.		Presidents.	Founded.
1	Bowdoin,	Brunswick,	Me.	Leonard Woods, Jr., D. D.	1794
2	Waterville,*	Waterville,	do.	—— Sheldon.	1820
3	Dartmouth,	Hanover,	N. H.	Nathan Lord, D. D.	1769
4	University of Vermont,	Burlington,	Vt.	John Wheeler, D. D.	1791
5	Middlebury,	Middlebury,	do.	Benjamin Labaree, D. D.	1800
6	Norwich University,	Norwich,	do.	Truman B. Ransom, A. M.	1834
7	Harvard University,	Cambridge,	Mass.		1638
8	Williams,	Williamstown,	do.	Mark Hopkins, D. D.	1793
9	Amherst,	Amherst,	do.	Edw. Hitchcock, LL. D.	1821
10	Holy Cross,§	Worcester,	do.		1843
11	Brown University,*	Providence,	R. I.	Francis Wayland, D. D.	1764
12	Yale,	New Haven,	Con.	Jeremiah Day, D. D.	1700
13	Trinity,†	Hartford,	do.	Silas Totten, D. D.	1824
14	Wesleyan University,‡	Middletown,	do.	Stephen Olin, D. D.	1831
15	Columbia,†	New York,	N. Y.	Nath. F. Moore, LL. D.	1754
16	Union,	Schenectady,	do.	Eliphalet Nott, D. D.	1795
17	Hamilton,	Clinton,	do.	Simeon North, LL. D.	1812
18	Hamilton Lit. and Theol.*	Hamilton,	do.	Nathaniel Kendrick, D. D.	1819
19	Geneva,†	Geneva,	do.	Benjamin Hale, D. D.	1823
20	University of New York,	New York,	do.	Th. Frelinghuysen, LL.D.	1831
21	St. John's,§	Rose Hill,	do.	John Harly, A. M.	1843
22	College of New Jersey,	Princeton,	N. J.	James Carnahan, D. D.	1746
23	Rutgers,	N. Brunswick,	do.	Abr. B. Hasbrouck, LL.D.	1770
24	University of Pennsylva.	Philadelphia,	Penn.	John Ludlow, D. D.	1755
25	Dickinson,‡	Carlisle,	do.		1783
26	Jefferson,	Canonsburg,	do.	R. J. Breckenridge, LL. D.	1802
27	Washington,	Washington,	do.	David McConaughy, D.D.	1806
28	Allegheny,‡	Meadville,	do.	H. J. Clark, A. M.	1815
29	Pennsylvania,	Gettysburg,	do.	C. P. Crauth, D. D.	1832
30	Lafayette,	Easton,	do.	George Junkin, D. D.	1832
31	Marshall,	Mercersburg,	do.		1836
32	West. University of Penn.	Pittsburg,	do.	Robert Bruce, D. D.	1819
33	Delaware,	Newark,	Del.	E. W. Gilbert, D. D.	1833
34	St. John's,	Annapolis,	Md.	Hector Humphreys, D. D.	1784
35	St. Mary's,§	Baltimore,	do.	Gilbert Raymond, D. D.	1799
36	Mount St. Mary's,§	Emmetsburg,	do.	John McCaffrey, A. M.	1830
37	Georgetown,§	Georgetown,	D. C.	Thomas F. Mulledy,	1789
38	Columbian,*	Washington,	do.	—— Bacon, D. D.	1821
39	William and Mary,†	Williamsburg,	Va.	Thomas R. Dew, A. M.	1693
40	Hampden-Sidney,	Prince Ed. Co.	do.		1783
41	Washington,	Lexington,	do.	Henry Ruffner, D. D.	1812
42	University of Virginia,	Charlottesville,	do	C. Johnson, *Rector*.	1819
43	Randolph-Macon,‡	Boydton,	do.	L. C. Garland, A. M.	1832
44	Emory and Henry,‡	Glade Spring,	do.	Charles Collins, A. M.	1839
45	Rector,*	Harrison Co.	do.	Charles Wheeler, A. M.	1839
46	University of N. Carolina,	Chapel Hill,	N. C.	David L. Swain, LL. D.	1789
47	Davidson,	Mecklenberg Co.	do.	Samuel Williamson, D. D.	1838
48	Wake Forest,*	Wake Forest,	do.		1838
49	Charleston,	Charleston,	S. C.	William P. Finley,	1795
50	South Carolina,	Columbia,	do.	R. Henry, D. D.	1804
51	Franklin,	Athens,	Ga.	Alonzo Church, D. D.	1785
52	Oglethorpe,	Midway,	do.	Samuel K. Talmage,	1836
53	Emory,‡	Oxford,	do.	Aug. B. Longstreet, LL.D.	1837
54	Mercer University,*	Penfield,	do.	J. L. Dagg,	
55	Christ Coll. and Ep. Inst.†	Montpelier,	do.	Charles Fay,	1839
56	University of Alabama,	Tuscaloosa,	Ala.	Basil Manly, D. D.	1828
57	La Grange,‡	La Grange,	do.	Robert Paine, A. M.	1831
58	Spring Hill,§	Spring Hill,	do.	John Bazin,	1830
59	Centenary,‡	Brandon Sp'gs.	Miss.	J. C. Thornton,	1841
60	Oakland,	Oakland,	do.	Jere. Chamberlain, D. D.	1831
61	Louisiana,	Jackson,	La.	Wm. B. Lacy, D. D.	1825
62	Jefferson,	Bringiers,	do.		1831
63	St. Charles,§	Grand Coteau,	do.	Th. Soller, S. J.	
64	Baton Rouge,	Baton Rouge,	do.	R. H. Ranny,	1838
65	Franklin,	Opelousas,	do.	Othon Boudet,	1839
66	Greenville,	Greenville,	Tenn.	James McLin,	1794

UNITED STATES.

	Instructers.	No. of Alumni.	No. of Ministers.	Students.	Volumes in Libraries.	Commencement.
1	8	749	121	182	24,860	First Wednesday in Sept.
2	7	210	70	70	7,000	Second Wednesday in August.
3	15	2,228	545	331	16,500	Last Thursday in July.
4	7	277		125	9,200	First Wednesday in August.
5	7	771	245	97	7,054	Third Wednesday in August.
6	7	88		104		Third Thursday in August.
7	30	5,942	1,589	280	68,500	Fourth Wednesday in August.
8	8	967	331	144	7,500	Third Wednesday in August.
9	12	662	137	142	15,000	Fourth Thursday in July.
10						September 15.
11	9	1,496	474	157	20,000	First Wednesday in September.
12	24	5,463	1,407	394	34,500	Third Thursday in August.
13	8	257	117	80	7,949	First Thursday in August.
14	8	229	94	105	11,000	First Wednesday in August.
15	12	1,170		104	14,000	Day after first Monday in October.
16	11	2,125	308	242	13,000	Fourth Wednesday in July.
17	9	467	69	126	7,000	Fourth Wednesday in August.
18	9	140		138	4,600	Third Wednesday in August.
19	8			70	5,400	First Wednesday in August.
20	12	167		143		Wednesday preceding 4th of July.
21	13					
22	13	2,615	483	190	12,500	Last Wednesday in June.
23	9	483	77	85	9,000	Fourth Wednesday in July.
24	14	1,053		120	5,000	The 15th, 16th, or 17th of July.
25	8	561	140	97	11,200	Second Thursday in July.
26	8	693	227	170	4,500	Last Thursday in September.
27	6	243		191	3,300	Last Wednesday in September.
28	5	16		100	8,000	
29	4	59		76	2,270	
30	7	28		130	5,000	Second Wednesday in September.
31	4	5		49		Last Wednesday in August.
32	5	11		64		Early in July.
33	7			112	3,600	Fourth Wednesday in September.
34	5	124	6	27	4,000	The twenty-second of February.
35	16	187		160	12,000	Third Tuesday in July.
36	12	41		130	3,500	Last week in June.
37	15	90		140	25,000	Near the last of July.
38	10	104		25	4,200	First Wednesday in October.
39	4			98	5,000	July fourth.
40	5	8		65	8,000	Fourth Wednesday in September.
41	6	126		136	2,700	Last Thursday in June.
42	9	1,236		170	16,000	July fourth.
43	8	77		73		Second Wednesday in June.
44	4			46	2,800	Last Wednesday in June.
45				50		
46	9	820	70	150	10,000	First Thursday in June.
47	3	31		44	1,150	Last Thursday in June.
48	3	11	6	24	4,700	Third Thursday in June.
49	4	67		40	3,000	Tuesday after 4th Monday in March.
50	7		3	150	15,000	First Monday in December.
51	9	533		116	13,000	First Wednesday in August.
52	6	25	1	65	2,000	Wednesday after 2d Monday in Nov.
53	5	11		70		
54						
55	4			35		
56	8	74	2	80	6,000	Wednesday after 2d Monday in Dec.
57	3	50		106	2,200	Early in June.
58	3			70	4,000	
59	6			170		(Removed to Jackson, La.)
60	5	51		105	4,000	First Thursday in April.
61	9	18		109	1,850	First Wednesday in June.
62	14		2	122	5,500	Thursday after 1st Monday in Dec.
63	9			65		
64	4			45	300	December.
65	4			70		First of November.
66	2	110		41	3,000	Third Wednesday in September.

COLLEGES IN THE

	Name.	Place.	Presidents.	Founded.
67	Washington,	Wash'n Co. Tenn.		1794
68	University of Nashville,	Nashville do.	Philip Lindsley, D. D.	1806
69	Franklin,	Near Nashville, do.	Tolbert Fanning A. M.	1844
70	East Tennessee,	Knoxville, do.	Joseph Estabrook, A. M.	1807
71	Cumberland,	Lebanon, do.	F. R. Cossit, D. D.	1825
72	Jackson,	Near Columbia, do.	William Mack, A. M.	1830
73	Transylvania,	Lexington, Ken.	H. B. Bascom, D. D.	1798
74	St. Joseph's,§	Bardstown, do.	J. M. Lancaster,	1819
75	Centre,	Danville, do.	John C. Young, D. D.	1822
76	Augusta,‡	Augusta, do.	J. Tomlinson, D. D.	1825
77	Georgetown,*	Georgetown, do.	Howard Malcom, D. D.	1830
78	Bacon,	Harrodsburg, do.	E. S. Burnet,	1836
79	St. Mary's,§	Marion Co. do.	W. S. Murphy, S. J.	1837
80	University of Ohio,	Athens, Ohio,	T. McGill, LL. D.	1821
81	Miami University,	Oxford, do.	E. D. Macmaster, D. D.	1809
82	Franklin,	New Athens, do.	William Burnett,	1825
83	Western Reserve,	Hudson, do.	George E. Pierce, D. D.	1826
84	Kenyon,†	Gambier, do.	D. B. Douglass, LL. D.	1826
85	Granville,*	Granville, do.		1832
86	Marietta,	Marietta, do.	Joel H. Linsley, D. D.	1832
87	Oberlin Institute,	Oberlin, do.	Asa Mahan, A. M.	1834
88	Cincinnati,	Cincinnati, do.	Thomas J. Biggs, A. M.	1819
89	St. Xavier,§	Cincinnati, do.	J. A. Elet, S. J.	1840
90	Woodward,	Cincinnati, do.	B. P. W. Aydelotte, D. D.	
91	Indiana State University,	Bloomington, Ind	Andrew Wylie, D. D.	1827
92	Madison University,	South Hanover, do.	E. D. McMaster, D. D.	1829
93	Wabash,	Crawfordsville, do.	Charles White, D. D.	1833
94	Ind. Asbury University,‡	Greencastle, do.	Matth. H. Simpson, D. D.	1839
95	St Gabriel's,§	Vincennes, do.	J. P. Bellier,	1843
96	Illinois,	Jacksonville, Ill.	J. M. Sturtevant,	1829
97	Shurtleff,*	Upper Alton, do.	Adiel Sherwood, D. D.	1835
98	McKendree,‡	Lebanon, do.	—— Finly, D. D.	1834
99	Knox Manual Labor,	Galesburg, do.	Hiram H. Kellogg,	1837
100	University of St. Louis,§	St. Louis, Mo.	J. Van de Velde,	1832
101	Kemper College,†	St. Louis, do.		1840
102	St. Mary's,§	Cape Girardeau, do.	Hector Figari, C. M.	1830
103	Masonic,	Marion Co. do.	J. Worthington Smith,	1831
104	Missouri University,	Columbia, do.	John H. Lathrop, A. M.	1840
105	St. Charles,‡	St. Charles, do.		1839
106	Fayette,	Fayette do.	Archibald Patterson,	
107	Michigan University,	Ann Arbor, Mich.		1837
108	St.Philip's,§	Near Detroit, do.	Mr. Bowens,	1839

Remarks.

The Colleges marked (*) are under the direction of the *Baptists;* thus (†) *Episcopalians;* thus (‡) *Methodists;* thus (§) *Catholics.* With respect to the Colleges which are *unmarked*, the prevailing religious influence of those that are in the New England States is *Congregationalism;* of most of the others, *Presbyterianism.*

By *students* in the above table, except a few of the Colleges in the Southern and Western States, is meant *undergraduates*, or members of the four collegiate classes; not including such as are pursuing professional education, or such as are members of a preparatory department. Some of the Colleges above enumerated are not in full operation; and scarcely deserve a place in the Table.

The column of *Libraries* includes the number of volumes in the *College Libraries* and in the *Students' Libraries.*

UNITED STATES. (Continued.)

	Instructers.	No. of Alumni.	No. of Ministers.	Students.	Volumes in Libraries.	Commencement.
67	1	110		43	1,000	
68	6	316		86	10,000	First Wednesday in October.
69	7			90		
70	6	40		70	3,307	First Wednesday in August.
71	4	82		49	1,050	First Wednesday in December.
72	5	3	50	100	1,250	
73	7	610	3	215	4,500	Third Wednesday in July.
74	11	150		69	7,000	First August.
75	5	143		185	4,000	Thursday after 3d Wednesday in Sept
76	6	60		75	2,500	Thursday after 1st Wednesday in Aug
77	6	20	14	132	3,100	Last Thursday in June.
78	8			203	1,200	Last Friday in September.
79	9	21		150	5,000	Last week in July.
80	8	149	80	166	2,500	First Wednesday in August.
81	6	309	7	105	4,352	Second Thursday in August.
82	7	84		51	1,900	Last Wednesday in September.
83	6	82	23	62	6,247	Second Wednesday in August.
84	8	115	22	57	8,750	First Wednesday in August.
85	5			12	3,000	Second Wednesday in August.
86	8	21		50	3,500	Last Wednesday in July.
87	10	8		70		
88	8			84		Last Monday in June.
89	5			50		
90	6		1	20	800	
91	6	231		104	1,765	Last Wednesday in September.
92	3			120		Last Wednesday in July.
93	5	12		23	3,500	Fourth Wednesday in July.
94	5			112		
95	7			50		
96	5	43	4	54	2,000	Last Wednesday in June.
97	6	3	2	43	1,000	Fourth Thursday in July.
98	4			47		Second Wednesday in October.
99	4			24		Third Wednesday in September.
100	13	10		146	7,900	Third Tuesday in August.
101	6	8	3	19	6,400	Last Thursday in July.
102	5				2,500	Last Thursday in August.
103	5	13		45		Last Thursday in September.
104						
105	5			85		Last week in August.
106	2			75		
107	5			72	4,000	Second week in August.
108	4			30	3,000	First Monday in October.

ANNUAL COLLEGE EXPENSES.

Name.	Instruction.	Room-rent and other Col. Exp.	Total College Charges.	Board.	Wood, Lights, & Washing.
Bowdoin,	$24.00	$22.00	$46.00	39 weeks, $58.50	$35.00
Dartmouth,	27.00	13.24	40.24	38 do. 57.00	9.00
Middlebury,	20.00	15.00	35.00	43 do. 65.00	
Harvard,	75.00	15.00	90.00	40 do. 70to90.00	
Williams,	30.00	9.00	39.00	39 do. 65.00	
Amherst,	33.00	15.00	48.00	40 do. 60.00	17.00
Brown,	40.00	23.00	63.00	39 do. 60.00	
Yale,	33.00	21.00	54.00	40 do. 60to90.00	20.00
Trinity,	33.00	19.50	52.50	39 do. 80.00	
Wesleyan,	36.00	11.25	47.25	39 do. 58.50	20.00
Hamilton,	26.00	15.50	41.50	38 or 39 do. 63.00	
New Jersey,	40.00	20.00	60.00	41 do. 82.00	25.00
Dickinson,	33.00	14.00	47.00	43 do. 75.25	22.75
Univ. Virginia,	75.00	23.00	98.00	44 do. 110.00	20.00
Randolph Macon,	40.00	15.00	45.00	41 do. 77.00	30.00
William & Mary,	70.00		75.00	38 do. 110.00	20.00
Washington, Va.	30.00	12.00	42.00	43 do. 80.00	22.00
N. Carolina Univ.	50.00	11.00	61.00	40 do. 90.00	20.00
Transylvania,	40.00	12.00	52.00	40 do. 100.00	25.00
Western Reserve	30.00	11.00	41.00	42 do. 50.00	12.00

The information exhibited in the preceding table has been derived from the official statements contained in the Annual Catalogues of the several Colleges, mostly for the College years of 1843–4 and 1844–5. The sums are to be regarded as the average necessary expenses for the several objects. The *college charges*, included in the first three columns, are subject to comparatively little variation; but the other expenses are much more liable to change. With respect to several of the colleges, the expenses for washing, wood, and lights, are not mentioned. Other necessary expenses, not specified in the table, are such as relate to text-books, furniture of rooms, clothing, journeying, and pocket money, all of which vary according to circumstances, and the habits of individuals.

Vacations in Colleges.

Bowdoin.	1. Com., 3 weeks;—2. Friday after 3d Wed. Dec. 8 weeks;—3. Friday after 3d Wed. May, 2 weeks.
Waterville.	1. Com., 4 weeks;—2. 2d Wed. Dec. 8 weeks;—3. 1st Wed. May, 1 week.
Dartmouth.	1. Com., 4 weeks;—2. from near the 20th Nov. to near the 10th of Jan. 7 weeks;—3. Thursday preceding the last Wednesday, May, 2 1-2 weeks.
Vermont Univ.	1. Com., 4 weeks;—2. 1st Wed. Dec. 8 weeks;—3. 2d Wed. May, 1 week.
Middlebury.	1. Com., 4 weeks;—2. last Wed. Nov. 1 week;—3. 2d Wed. Feb. 2 weeks;—4th. 3d Wed. May, 2 weeks.
Harvard.	1. (*Two terms* of 20 weeks each) from the end of the first term, 6 weeks;—2. from the end of the 2d term to Friday after Commencement, (4th Wed. Aug.) 6 weeks.
Williams.	1. Com., 4 weeks;—2. 3d Wed. Dec. 6 weeks;—3. 1st Wed. May, 3 weeks.
Amherst.	1. Com., 4 weeks;—2. from the Wednesday preceding the annual State Thanksgiving, 6 weeks;—3. 3d Wed. in April, 2 weeks.
Holy Cross.	1. Last week in July, till Sept 15.
Brown.	1. Dec. 12, 3 weeks,—2. April 3, 4 weeks;—3. July 24, till Commencement.
Yale.	1. Com., 6 weeks;—2. 1st Wed. Jan. 2 weeks;—3. last Wed. April, 4 weeks.
Trinity.	1. Com., 7 weeks,—2. Thursday before Christmas, 2 weeks;—3. Thursday before 12th April, 4 weeks.
Wesleyan Univ.	1. Com, 4 weeks;—2. 1st Wed. in Dec. 8 weeks;—3. 1st Wed in May, 2 weeks.
Columbia.	1. From August 1, to the 1st Monday in October.
Union.	1. Com., 6 weeks;—2. in Dec. 4 weeks;—3. in April, 4 weeks.
Hamilton.	1. Com., 7 weeks;—2. Dec. 4 weeks from Wed. before Christmas;—3. 3d Wed. April, 4 weeks.
Geneva.	1. Com., 6 weeks;—2. from the Wednesday preceding Christmas, 3 weeks;—3. from the next Wednesday to the middle of April, 3 weeks.
University of N. Y.	1. Com., till 3d Wed. Sept.;—2. 2 weeks Sat. before Christmas;—3. 3 weeks 2d Mon. April.
College of N. J.	1. Com., 6 weeks;—2. Christmas, 5 weeks.
Rutgers.	1. Com., to Sept. 15;—2. Dec. 21 to Jan. 7;—April 7 to May 1.
Penn. University.	1. Com., 6 weeks;—2. Dec. 2 weeks;—3. April, 2 weeks.
Dickinson.	1. Com. to the 15th Sept.;—a few days at Christmas, and near the 1st of April.
Jefferson.	1. Month of October;—2. Month of April.
Washington.	1. Month of October;—2. Month of May.
W. Univ. of Penn.	1. Christmas, 1 week;—2. Months of July and August.
St. Johns.	1. Good Friday, 10 days;—2. last Wed. in July to the 1st Monday in Sept.;—3. Dec. 23d to 1st Monday in Jan.
St. Mary's.	1. Com. to the 1st Monday in Sept.
Mt. St. Mary's.	1. July 1 to August 16.
Georgetown.	1 Aug. 1 to Sept. 15.
Columbian.	1. Com. to 1st Wed. Nov.;—2. 1st Wed. May to 1st Wed. July.
William & Mary.	1. Com. (July 4) to 2d Monday in October.
Hamp Sidney.	1. From 4th Wed. Sept. to 1st Nov.;—2. 4th Thurs. April to 1st June.

Washington.	1. Last Thurs. in June to 1st Sept. — A recess of 9 days at Christmas.
Univ. Virginia.	1. July 4 to October 1st.
Univ. N. Carol.	1. Com., 6 weeks; — 2. 4th Friday in Nov. 6 weeks.
Coll. S. Carolina.	1. July 1 to the 1st Monday in October.
Oglethorpe.	1. Com. to 1st Monday in Jan.; — 2. 2d Wed. of May, 4 weeks.
U. of Alabama.	1. 4th Friday in July to 1st Monday in Oct.; — 2. 1st Monday of April, 3 weeks.
La Grange, Ala.	1. 2 terms, of 20 weeks from 1st Mon. in July, and 21 weeks from 2d Mon. in January. Remainder of the year, vacation.
Mississippi.	1. Com., 3 months, viz. July, August, and September.
Louisiana.	1. Com., 4 weeks; 2. Dec. 20 to Jan. 10.
Nashville.	1. Com. 5 1-2 weeks; — 2. 1st Wed. April, 5 1-2 weeks.
E. Tennessee.	1. Com. to 22d October, 12 weeks.
Transylvania.	1. Com. to 1st Monday in November.
Centre.	1. Com. to Thursday after 3d Wed. Oct.; — 2. after a session of 21 weeks, 4 weeks.
Augusta.	1. Com., 6 weeks; — 2. in Feb. 21 weeks from 1st vacation, 4 weeks.
Cumberland.	1. Com. to the 1st of February.
Georgetown.	1. Com. 8 weeks; — 2. Christmas, 3 weeks.
Miami.	1. Com. to 1st Monday Oct.; — 2. 10 or 12 days at Christmas; — 3. 2d Thursday March, 3 weeks.
West'n Reserve.	1. Com., 6 weeks; — 2. Jan. 1, 2 weeks; — 3. 3d Wed. April, 4 w.
Kenyon.	1. Last Thurs. in July till 1st Mon. in Oct.
Cincinnati.	1. Com. to 1st Monday in Sept. — Only one vacation.
Marietta.	1. Com., 10 weeks; — 2. ending 2d Wed. March, 2 weeks.
Indiana State.	1. Month of October; — 2. month of April.
Illinois.	1. Com., 12 weeks.
Shurtleff.	1. Com., 7 weeks; — 2. Christmas, 1 week; — 3. end of 2d term, 2 weeks.

EXPLANATION. Vacations of Bowdoin College; *1st, from Commencement, 3 weeks; — 2d, from the Friday after the 3d Wednesday in December, 8 weeks; — 3d, from the Friday after the 3d Wednesday in May, 2 weeks.*

XIX. MEDICAL SCHOOLS.

Name.	Place.	Founded.	Prof.	Stu.	Graduates.	Lectures commence.
Maine Medical School,	Brunswick,	1820	4	60	464	February 15th.
N. H. Medical School,	Hanover,	1797	6	80	577	1st or 2d Th. Aug.
Castleton Med. College,	Castleton,	1818	7	104	555	4th Thurs. in Aug.
Vt. Medical College,	Woodstock,	1835	7	94	255	1st Thurs. in March.
Med. School Harv. Univ.	Cambridge,	1782	6	157	547	1st Wed. in Nov.
Berkshire Med. School,	Pittsfield,	1823	5	103	473	1st Thurs. in Sept.
Med. Institut. Yale Coll.	New Haven,	1810	6	43	810	6 w. aft. 3d Th. Aug.
Coll. Phys. & Surg. N. Y.	New York,	1807	6	193	852	1st Monday in Nov.
Med. Instit. Geneva Coll.	Geneva,	1835	6	183	98	1st Tues. in Oct.
Med. Faculty Univ. N. Y.	New York,	1837	6	378	597	Last Mon. in Oct.
Albany Medical College,	Albany,	1839	8	104	68	1st Tues. in Oct.
Med. Dep. Univ. Penn.	Philadelphia,	1765	8	446	4,443	1st Mon. in Nov.
Jefferson Med. College.	Do.	1824	7	409	880	1st Mon. in Nov.
Med. Dep. Penn. Coll.	Do.	1839	6	60		1st Mon. in Nov.
Med. School Univ. Md.	Baltimore,	1807	6	100	909	October 31st.
Washington Med. Coll.	Do.	1827	6	25		1st Mon. in Nov.
Med. School Colum. Coll.	Washington,	1825	6	40	81	1st Mon. in Nov.
Med. School Univ. Va.	Charlottesville,	1825	3	45		1st Mon. in Oct.
Richmond Med. College.	Richmond,	1838	6	75	14	1st Mon. in Nov.
Med. Coll. State of S. C.	Charleston,	1833	8	158		2d Mon. in Nov.
Med. College of Georgia,	Augusta,	1830	7	115	124	2d Mon. in Nov.
Med. Coll. of Louisiana,	New Orleans,	1835	7	30		3d Mon. in Nov.
Med. Dep. Transyl. Univ.	Lexington,	1818	7	214	1,351	1st Mon. in Nov.
Louisville Med. Instit.	Louisville,	1837	6	242	53	1st Mon. in Nov.
West'n Reserve M. Coll.	Cleveland, O.	1844	7	111		1st Wed. in Nov.
Medical College of Ohio,	Cincinnati,	1819	8	130	331	1st Mon. in Nov.
Med. Dep. of Kemp. Col.	St. Louis, Mo.	1841	9	75	19	Last week in Oct.
Med. Col. St. Louis Univ.	Do.	1836	8	50	14	1st Mon. in Nov.
Willoughby Med. Coll.	Willoughby,	1834	6	126	57	Last Mon. in Oct.

XX. THEOLOGICAL SCHOOLS.

Name.	Place.	Denomination.	Commenced operation.	No. Professors.	Students in 1844-45.	No. educated.	Volumes in Library.
Bangor Theol. Seminary,	Bangor, Me.	Cong.	1816	3	43	139	7,000
Gilmanton Theol. Sem.	Gilmanton, N.H.	Cong.	1835	3	23	52	4,300
Theological Seminary,	Andover, Mass.	Cong.	1808	5	86	965	17,500
Divinity School, Harv. Univ.	Cambridge, do.	Cong. Unit.	1816	2	35	215	1,800
Theological Institution,	Newton, do.	Baptist,	1825	3	33	137	4,000
Theol. Dep. Yale College,	N. Haven, Ct.	Cong.	1822	4	64	452	
Theol. Inst. of Connecticut,	E. Windsor, do.	Cong.	1834	3	29	71	4,000
Theol. Inst. Epis. Church,	N. York, N. Y.	Prot. Epis.	1817	5	70	186	7,260
Union Theol. Seminary,	do. do.	Presbyt.	1836	6	112	126	12,000
Theol. Sem. of Auburn,	Auburn, do.	Presbyt.	1821	4	71	359	5,000
Hamilton Lit. and Th Inst.	Hamilton, do.	Baptist,	1820	4	38	124	2,250
Hartwick Seminary,	Hartwick, do.	Lutheran,	1816	1	5		1,000
Theol. Sem. As. Ref. Ch.	Newburgh, do.	Ass. Ref Ch.	1836	3	11		4,000
Th. Sem. Dutch Ref. Ch.	N. Br'wick, N.J.	Dutch Ref.	1784	3	36	178	
Theol. Sem. Pr. Ch. U. S.	Princeton, do.	Presbyt.	1812	4	105	753	7,000
Sem. Luth. Ch. U. States,	Gettysburg, Pa.	Evang. L.	1826	3	26	130	7,000
German Reformed,	York, do.	G. Ref. Ch.	1825	2	20		
West. Theol. Seminary,	Allegheny T. do.	Presbyt.	1828	3	54	182	6,000
Theological School,	Canonsburg, do.	Asso. Ch.		2	30	47	1,600
Theological Seminary,	Pittsburg, do.	Asso. Ref.	1828	1	19		
Epis. Theol. School of Va.	Fairfax Co. Va.	Prot. Epis.	1822	4	53	187	4,000
Union Theol. Seminary,	Pr. Ed. Co. do.	Presbyt.	1824	3	20	178	4,000
Virginia Baptist Seminary,	Richmond, do.	Baptist,	1832	3	67		1,000
Southern Theol. Seminary,	Columbia, S. C.	Presbyt.	1831	2	16	82	4,000
Theological Seminary,	Lexington, do.	Lutheran,	1835	2	10	20	1,600
Furman Theol. Seminary,	Fairfield Dis. do.	Baptist,		2	30	30	1,000
South West Theol. Sem.	Maryville, Ten.	Presbyt.	1821	2	24	90	6,000
Lane Seminary,	Cincinnati, Ohio.	Do.	1832	3	64	256	10,500
Theol. Dep. Ken. College,	Gambier, do.	Prot. Epis.	1826	5	4		
Theol. Dep. Wes. Res. Col.	Hudson, do.	Presbyt.		3	12		
Granville Theol. Dep.	Granville, do.	Baptist,	1832	2	8		500
Oberlin Theol. Dep.	Oberlin, do.	Presbyt.	1834	4	58		
Indiana Theol. Seminary,	S. Hanover, In.	Presbyt.		2	10		
Alton Theol. Seminary,	Upper Alton, Il.	Baptist,	1835				

XXI. LAW SCHOOLS.

Place.	Name.	Prof.	Students.
Cambridge, Mass.	Harvard University,	2	154*
New Haven, Conn.	Yale College,	3	36
New York City,	Law Department, N. Y. Univ.	3	
Carlisle, Pa.	Dickinson College,	1	4
Williamsburg, Va.	William and Mary College,	1	32
Charlottesville, Va.	University of Virginia,	1	72
Lexington, Ky.	Transylvania University,	3	75
Cincinnati, Ohio,	Cincinnati College,	3	25
Bloomington, Ind.	Indiana State University,	1	13

* Number of students since the establishment of the school, 1,100.

XXII. *A Comparative View of the Tonnage of the United States, from* 1815 *to the* 30*th of June*, 1843, *inclusive. In Tons and* 95*ths.*

Years.	Registered tonnage.	Enrolled and licensed tonnage.	Total tonnage.
1815	854,294 74	513,833 04	1,368,127 78
1816	800,759 68	571,458 85	1,372,218 53
1817	809,724 70	590,186 66	1,399,911 41
1818	606,088 64	619,095 51	1,225,184 20
1819	612,930 44	647,821 17	1,260,751 61
1820	619,047 53	661,118 66	1,280,166 24
1821	619,896 40	679,062 30	1,298,958 70
1822	628,150 41	696,548 71	1,324,699 17
1823	639,920 76	696,644 87	1,336,565 68
1824	669,972 60	719,190 37	1,389,163 02
1825	700,787 08	722,323 69	1,423,110 77
1826	737,978 15	796,211 68	1,534,189 93
1827	747,170 44	873,437 34	1,620,607 78
1828	812,619 37	928,772 50	1,741,391 87
1829	650,142 88	610,654 88	1,260,797 81
1830	576,475 33	615,301 10	1,191,776 43
1831	620,451 92	647,394 32	1,267,846 29
1832	686,989 77	752,460 39	1,439,450 21
1833	750,026 72	856,123 22	1,606,149 94
1834	857,438 42	901,468 67	1,758,907 14
1835	885,821 60	939,118 49	1,824,940 14
1836	897,774 51	984,328 14	1,882,102 65
1837	810,447 29	1,086,238 40	1,896,685 69
1838	822,591 86	1,173,047 89	1,995,639 80
1839	834,244 54	1,262,234 27	2,096,478 81
1840	899,764 76	1,280,999 35	2,180,764 16
1841	945,803 42	1,184,940 90	2,130,744 37
1842	975,358 74	1,117,031 90	2,092,390 69
1843 to J'ne 30,	1,009,305 01	1,149,297 92	2,158,602 93
1844 to J'ne 30,	1,068,764 91	1,211,330 11	2,280,095 07

XXIII. POPULATION OF THE PRINCIPAL CITIES.

	1790.	1800.	1810.	1820.	1830.	1840.
New York,	33,131	60,489	96,373	123,706	203,007	312,710
Philadelphia,	42,520	70,287	96,664	108,116	167,118	258,037*
Baltimore,	13,503	26,614	46,555	62,738	80,625	134,379*
New Orleans,			17,242	27,176	46,310	102,193
Boston,	18,038	24,927	32,250	43,298	61,392	93,383
Cincinnati,		750	2,540	9,644	24,831	46,338
Brooklyn,		3,298	4,402	7,175	12,042	36,233
Albany,	3,498	5,349	9,356	12,630	24,238	33,721
Charleston,	16,359	18,712	24,711	24,480	30,289	29,261
Washington,		3,210	8,208	13,247	18,827	23,364
Providence,		7,614	10,071	11,767	16,832	23,171
Louisville,			1,357	4,012	10,352	21,210
Pittsburg,		1,565	4,768	7,248	12,542	21,115
Lowell,					6,474	20,796
Rochester,				1,502	9,269	20,191
Richmond,		5,537	9,735	12,046	16,060	20,153
Troy,			3,885	5,264	11,401	19,334
Buffalo,			1,508	2,095	8,653	18,213
Newark,				6,507	10,953	17,290
St. Louis,				4,598	5,852	16,469
Portland,		3,677	7,169	8,581	12,601	15,218
Salem,	7,921	9,457	12,613	12,731	13,886	15,082

* Including the County.

XXIV. RELIGIOUS DENOMINATIONS.

1. Protestant Episcopal Church.

[From the "Churchman's Almanac."]

Dioceses.	Bishops.	Cons.	Clergy.	Place and time of meeting of Conventions, 1845.
Maine,	J. P. K. Henshaw, D. D.	*Act.*	8	July 9, Portland.
N. Hampshire,	Carlton Chase, D. D.	1844	10	June 25, Claremont.
Massachusetts,	Manton Eastburn, D. D.	1842	60	June 11, Boston.
Rhode Island,	J. P. K. Henshaw, D. D.	1843	30	June 11, Newport.
Vermont,	John H. Hopkins, D. D.	1832	25	
Connecticut,	Th. C. Brownell, D. D.	1819	100	June 10.
New York,	B. T. Onderdonk, D. D.	1830	200	September 24.
Western N. Y.,	W. H. DeLancey, D. D.	1839	110	August 20.
New Jersey,	George W. Doane, D. D.	1832	50	May 28, Burlington.
Pennsylvania,	Alonzo Potter, D. D.	1845	120	May 20, Philadelphia.
Delaware,	Alfred Lee, D. D.	1841	10	May 28, Wilmington.
Maryland,	W. R. Whitt'gham, D. D.	1840	100	May 28, Baltimore.
Virginia,	Wm. Meade, D. D. John Johns, D. D. *Assis't.*	1829	100	May 21, Fredericksburg.
N. Carolina,	Levi S. Ives, D. D.	1831	30	May 21, Fayetteville.
S. Carolina,	Chr. E. Gadsden, D. D.	1840	50	February 13, Charleston.
Georgia,	Stephen Elliott, D. D.	1841	20	May 8, Milledgeville.
Ohio,	C. P. Mc. Ilvaine, D. D.	1832	60	September 4, Massillon.
Kentucky,	Benj. B. Smith, D. D.	1832	20	May 8, Newport.
Tennessee,	James H. Otey, D. D.	1834	12	May 7, Clarkville.
Mississippi,			10	
Arkansas,	Geo. W. Freeman, D. D.	1844	2	
Louisiana,	Leonidas Polk, D. D.	1838	10	April 3, Baton Rouge.
Alabama,	Nicholas H. Cobb, D. D.	1844	10	May 1.
Michigan,	S. A. McCoskry, D. D.	1836	25	June 4, Detroit.
Illinois,	Philander Chase, D. D.	1819	15	June 18.
Florida,			9	January 6, Tallahassee.
N. W. Dist. Indiana, Wiscon. Iowa,	Jackson Kemper, D. D.	1835	15 6 4	June 7, Richmond.
Missouri,	Cicero S. Hawks, D. D.	1844	15	
			1,236	

Foreign Missionary Bishops.

Alexander Glennie,	1844,	Western Africa.
Horatio Southgate,	1844,	Turkey.
William J. Boone,	1844,	China.

2. Roman Catholic Church.

The first Catholic Bishop in the United States (John Carroll, D. D., of Baltimore) was consecrated in 1790. The Catholics increase rapidly, mostly by emigration from Europe. They have now 21 dioceses, 1 archbishop, and 26 bishops; and, according to the "Catholic Almanac" for 1845, 675 churches and chapels, 592 stations, 572 clergymen on missions, and 137 clergymen otherwise employed, 22 ecclesiastical seminaries, 220 clerical students, 28 literary institutions for young men, 63 female academies, 29 female religious institutions, and 94 charitable institutions.

Summary of the Roman Catholic Church in the United States.

[From the Metropolitan Catholic Almanac for 1845.]

Dioceses.	Churches.	Other Stations.	Clergymen on missions.	Clergymen otherwise employed.	Ecclesiastical Institutions.	Clerical Students.	Literary Institutions for young men.	Female Religious Institutions.	Female Academies.	Charitable Institutions.	Population.
Baltimore,	59	32	43	37	5	56	4	5	5	27	90,000
New Orleans,	46	26	40	11	1	10	1	3	4	6	160,000
Louisville,	40	85	31	24	3	9	3	4	11	4	40,000
Boston,	32	15	34	3			1		1	1	65,000
Philadelphia,	61	6	49	3	1	30	4	1	6	4	
New York,	110	75	96	7	1	20	1	1	3	15	200,000
Charleston,	20	50	19	2	1	4	1	2	2	6	10,000
Richmond,	10	15	10	1	1	10	1		1	2	
Cincinnati,	70	50	57	10	2	19	1	2	2	5	65,000
St. Louis,	33	25	31	29	3	25	1	4	8	6	
Mobile,	12	50	10	2	1	7	1	1	4	7	11,000
Detroit,	12	31	15						1		40,000
Vincennes,	40	30	33	6	1	19	2	1	5	5	25,000
Dubuque,	13	9	12				1	1	2		5,800
Nashville,	2	33	8		1	3	1		1	1	
Natchez,	5	16	6								
Pittsburg,	41		24			8	1	1	2	4	30,000
Little Rock,	2	6	2					1	2		
Chicago,	38	58	20	2	1		1			1	50,000
Hartford,	10		7								
Milwaukie,	18		9				1		1		20,000
Apost. Vicar, Oregon Ter.			16					1	2		
Dioc. 21, Vic. Apos. 1.	675	592	572	137	22	220	28	29	63	94	811,800

REMARK.— The population here marked, as far as it extends, is from official sources; and if we suppose the aggregate Catholic population of the other dioceses to amount to 260,000, (which cannot fall short of the truth,) we will have 1,071,800, an estimate considerably less than that furnished for several years past.

Progress of Romanism in the United States in ten years.

1834.— Dioceses, 13; Bishops, 14; Churches, (houses of worship,) 272; Priests, 327; Ecclesiastical Seminaries, 12; Colleges, 9.

1840.— Dioceses, 16; Bishops, 17; Churches, 454; Priests, 482; Ecclesiastical Seminaries, 16; Colleges, 11.

1845.— Dioceses, 21, and one Apostolical Vicarate; Bishops, 26; Churches, 675; Priests, 709; Ecclesiastical Seminaries, 22; Colleges, 15.

3. Baptists.

[From the Baptist Almanac for 1846.]

General Summary of Baptists in the United States.

States.	No. of Associat'ns.	Ch's.	Ministers.	Licenses.	Bapt'd in one year.	Total.
Maine,	13	298	205	35	314	22,028
New Hampshire,	7	100	83	9	120	10,148
Vermont,	9	116	76	10	147	10,170
Massachusetts,	12	222	221	28	491	30,945
Rhode Island,	2	42	33	7	104	7,309
Connecticut,	6	108	107	17	770	15,921
New York,	42	794	708	139	3,800	93,855
New Jersey,	4	80	79	21	483	11,571
Pennsylvania,	15	292	185	49	2,100	28,080
Maryland,	2	20	12	3	92	2,109
Virginia,	23	502	246	62	4,622	79,134
North Carolina,	21	409	218	74	2,291	31,066
South Carolina,	12	379	196	32	1,131	39,687
Georgia,	27	626	283	100	4,661	45,383
Florida,	1	21	6	1	289	973
Alabama,	16	402	176	43	2,309	26,207
Louisiana,	5	72	42	8	25	3,018
Texas,	2	24	19	?	125	758
Mississippi,	6	58	29	5	150	1,771
Arkansas,	17	299	140	39	1,486	17,155
Tennessee,	18	358	216	54	2,499	29,219
Kentucky,	42	665	278	88	1,980	60,160
Missouri,	19	292	144	47	1,125	15,331
Illinois,	19	272	186	54	1,146	12,328
Indiana,	22	361	171	39	1,307	18,988
Ohio,	25	467	194	40	1,838	26,573
Michigan,	10	163	103	19	619	8,447
Wisconsin,	1	34	24	2	73	1,284
Iowa,	3	44	28	11	178	1,134
Total in the United States,	401	7,501	4,408	1036	36,381	651,332
Anti-Mission Baptist do.	149	1,978	889	111	1,449	68,641
Grand total in U. States,	550	9,479	5,297	1,147	37,830	719,973

Statistics of Baptist Churches of various kinds in the United States.

United States.	Ch'ches.	Ministers.	Licenses.	Baptized in one year.	Total.
Associated Baptists,	7,501	4,408	1,036	36,381	651,332
Associated Anti-Mission Bapt's,	1,978	889	111	1,449	68,641
Churches not associated,	250	130	25	750	10,000
Indian Baptist Churches,	15	15	9	111	1,559
Six Principle Baptists,	17	22	?	75	3,055
Seventh Day Baptists,	60	52	22	301	5,996
Church of God, (Baptists,)	125	83	?	?	10,000
Free Will Baptists,	1,165	771	150	5,023	61,372
Reformers,	2,500	1,750	?	20,000	200,000
Christ'n Connec'n (Unit.) Bapt's,	650	782	?	?	35,600

4. SUMMARY OF THE PRINCIPAL RELIGIOUS DENOMINATIONS,

According to returns made in 1843–5, *and by estimate.*

Names.	Churches.	Ministers.	Communicants.
Roman Catholics,	675	709	
Protestant Episcopalians,	1,232	1,236	72,099
Presbyterians, Old School,	2,156	1,523	166,487
Presbyterians, New School,	1,494	1,263	120,645
Cumberland Presbyterians,	570	300	60,000
Other classes of do.	530	293	45,500
Dutch Reformed,	279	271	31,214
German Reformed,	750	191	75,000
Evangelical Lutherans,	1,232	501	146,300
Moravians,	22	24	6,000
Methodist Episcopal,		12,445	1,157,249
Methodist Protestant Church,		1,300	60,000
Reformed Methodists,		75	3,000
Wesleyan Methodists,		600	20,000
German do. (United Brethren,)	1,800	500	15,000
Allbright do. Evangel. Associ'n,	600	250	15,000
Mennonites,	400	250	58,000
Orthodox Congregationalists,	1,420	1,275	202,250
Unitarian do.	300	250	30,000
Universalists,	576	500	60,000
Swedenborgians,	42	30	5,000
Regular Baptists,	9,479	5,297	719,973
Six Principle do.,	17	22	3,055
Seventh Day do.,	60	52	6,000
Free Will do	1,165	771	61,372
Church of God do.,	125	83	10,000
Reformed do., (Campbellites,)	2,500	1,750	200,000
Christian do., (Unitarians,)	650	782	35,600

Churches in New York.— There are 206 churches and places of public worship in New York, of which 36 are Protestant Episcopal, 29 Presbyterian, 24 Methodist Episcopal, 21 Baptists, 16 Roman Catholic, 17 Dutch Reformed, 8 Jewish, 8 African, 5 Congregational, 5 Associate Reformed Presbyterian, 4 Universalist, 4 French, 3 Lutheran, 3 Reformed Presbyterian, 2 Unitarian, 2 Welch, 1 Methodist Protestant, 18 Miscellaneous. Connected with the various congregations are 39 moral and religious societies.

Churches in Philadelphia.— There are in Philadelphia 17 Baptist churches, 11 Roman Catholic, 1 "Christian chapel," 12 for colored congregations, 1 Disciples of Christ, 2 Dutch Reformed, 20 Episcopal, 7 Friends', 3 German Reformed, 2 Jews' Synagogues, 5 Lutheran, 2 Mariners,' 22 Methodist Episcopal, 4 Methodist Protestant, 1 Moravian, 2 New Jerusalem, 33 Presbyterian, 1 Unitarian, 4 Universalist, 1 Independent. Total 150.

XXV. CONGRESS.

The Congress of the United States consists of a Senate and House of Representatives, and must assemble at least once every year, on the 1st Monday of December, unless it is otherwise provided by law.

The Senate is composed of two members from each State; and of course, the regular number is now 54. They are chosen by the legislatures of the several States, for the term of six years, one third of them being elected biennially.

The Vice President of the United States is the President of the Senate, in which body he has only a casting vote, which is given in case of an equal division of the votes of the Senators. In his absence a President *pro tempore* is chosen by the Senate.

The House of Representatives is composed of members from the several States, elected by the people, for the term of two years. The Representatives are apportioned among the different States, according to population. The 29th Congress is chosen according to the act of Congress of 1842, the ratio being "one Representative for every 70,680 persons in each State, and one additional Representative for each State having a fraction greater than one moiety of the said ratio, computed according to the rule prescribed by the Constitution of the United States." The law of 1842 also requires, that the Representatives of each State "shall be elected *by districts* composed of a contiguous territory equal in number to the number of Representatives to which said State may be entitled, no one district electing more than one Representative." The present number is 224 Representatives, and 2 Delegates.

Since the 4th of March, 1807, the compensation of each member of the Senate and House of Representatives has been $8 a day, during the period of his attendance in Congress, without deduction in case of sickness; and $8 for every twenty miles' travel, in the usual road, in going to and returning from the seat of government. The compensation of the President of the Senate *pro tempore*, and of the Speaker of the House of Representatives, is $16 a day.

Twenty-Ninth Congress. The Senate.

[The figures denote the expiration of the terms of the Senators.]

Name.	Residence.		Name.	Residence.	
	Maine.			*Vermont.*	
John Fairfield,	*Saco*,	1851	William Upham,	*Montpelier*,	1849
George Evans,	*Gardiner*,	1847	Samuel S. Phelps,	*Middlebury*,	1851
	New Hampshire.			*Massachusetts.*	
Charles G. Atherton,	*Nashua*,	1849	Daniel Webster,	*Marshfield*,	1851
Levi Woodbury,	*Portsmouth*,	1847	John Davis,	*Worcester*,	1847

Name.	Residence.	
Rhode Island.		
Albert C. Greene,	*Providence*,	1851
J. F. Simmons,	*Providence*,	1847
Connecticut.		
John M. Niles,	*Hartford*,	1849
Jabez W. Huntington,	*Norwich*,	1851
New York.		
John A. Dix,		1849
Daniel S. Dickinson,		1851
New Jersey.		
William L. Dayton,	*Trenton*,	1851
Jacob W. Miller,	*Morristown*,	1847
Pennsylvania.		
Simon Cameron,	*Dauphin Co.*,	1849
Daniel Sturgeon,	*Uniontown*,	1851
Delaware.		
John M. Clayton,	*Wilmington*,	1851
Thomas Clayton,	*Newcastle*,	1847
Maryland.		
Reverdy Johnson,	*Baltimore*,	1851
James A. Pearce,	*Kent Co.*	1849
Virginia.		
Wm. S. Archer,	*Elk Hill*,	1847
Vacancy.		
North Carolina.		
Wm. H. Haywood, Jr.,	*Raleigh*,	1849
W. P. Mangum,	*Red Mountain*,	1847
South Carolina.		
George M'Duffie,	*Edgefield C.H.*,	1849
Daniel E. Huger,	*Charleston*,	1847
Georgia.		
Walter T. Colquitt,	*Columbus*,	1849
John M. Berrien,	*Savannah*,	1847
Alabama.		
Arthur P. Bagby,	*Tuscaloosa*,	1849
Dixon H. Lewis,	*Lowndesboro'*,	1847

Name.	Residence.	
Mississippi.		
Jesse Speight,		1851
Vacancy.		
Louisiana.		
Henry Johnson,		1849
Alex. Barrow,	*Baton Rouge*,	1847
Arkansas.		
A. H. Sevier,	*Lake Port*,	1849
Chester Ashley,		1847
Tennessee.		
Spencer Jarnagin,	*Athens*,	1847
Vacancy.		
Kentucky.		
John J. Crittenden,	*Frankfort*,	1849
J. T. Morehead,	*do.*	1847
Ohio.		
William Allen,	*Chillicothe*,	1849
Thomas Corwin,	*Lebanon*,	1851
Michigan.		
Lewis Cass,	*Detroit*,	1851
William Woodbridge,	*do.*	1847
Indiana.		
E. A. Hannegan,	*Covington*,	1849
Vacancy.		
Illinois.		
Sidney Breese,	*Clinton Co.*	1849
James Semple,	*Alton*,	1847
Missouri.		
David R. Atchison,	*Platte City*,	1849
Thomas H. Benton,	*St. Louis*,	1851
Florida.		
David Levy,	*St. Augustine.*	
James D. Westcott, Jr.		

Officers of the Senate.

Asbury Dickens,	*Secretary.*	Robert Beall,	*Doorkeeper.*
Edward Dyer,	*Sergeant at Arms.*	Septimus Tuston,	*Chaplain.*

HOUSE OF REPRESENTATIVES OF THE 29TH CONGRESS,

which will expire on the 3d of March, 1847.

[The numbers attached to the names show the Districts in each State from which the members were chosen. When no numbers are given, they were chosen by general ticket.]

Name.	Residence.
Maine.—7.	
2. Dunlap, Rob. P.,	Brunswick.
6. Hamlin, Han'l,	Hamden.
4. McCrate, J. D.,	
5. Sawtelle, Cullen,	
1. Scammon, J. F.,	Saco.
3. Severance, L.,	Augusta.
7. Williams, Hez'h,	
New Hampshire.—4.	
Johnson, James H.,	
Moulton, Mace,	
Norris, Mos., Jr.,	Pittsfield.
One Vacancy.	
Vermont.—4.	
2. Collamer, Jacob,	Woodstock.
4. Dillingham, P. Jr.,	Waterbury.
1. Foot, Solomon,	Rutland.
3. Marsh, Geo. P.,	Burlington.
Massachusetts.—10.	
3. Abbott, Amos,	Andover.
8. Adams, J. Q.,	Quincy.
6. Ashmun, Geo.,	Springfield.
10. Grinnell, Jos.,	New Bedford.
5. Hudson, Cha's.,	Westminster.
2. King, Daniel P.,	South Danvers.
7. Rockwell, Jul.,	Pittsfield.
4. Thompson, B.,	Charlestown.
1. Winthrop, R. C.,	Boston.
One Vacancy.	
Rhode Island.—2.	
2. Arnold, Lemuel H.,	
1. Cranston, H. Y.,	Newport.
Connecticut.—4.	
1. Dixon, James,	
2. Hubbard, Sam'l D.,	
3. Rockwell, John A.,	
4. Smith, Truman,	
New York.—34.	
7. Anderson, J. H.,	White Plains.
17. Benton, C. S.,	Mohawk.
6. Campbell, Wm. W.,	
29. Carroll, C. H.,	Groveland Cen.
11. Collins, John F.,	
14. Culver, Eras. D.,	
26. Ellsworth, Sam. S.,	
21. Goodyear, Charles,	
10. Gordon, Samuel,	
30. Grover, Martin,	
12. Herrick, Rich. P.,	
28. Holmes, Elias B.,	
23. Hough, Wm. J.,	
19. Hungerford, O.,	Watertown.
34. Hunt, Washing.,	Lockport.
20. Jenkins, Timothy,	
18. King, Preston,	Ogdensburgh.
1. Lawrence, John W.,	
31. Lewis, Abner,	
4. Maclay, Wm. B.,	New York.
3. Miller, Wm. S.,	
32. Moseley, W. A.,	Buffalo.
27. Mott, John De,	
9. Niven, Arch. C.,	
25. Rathbun, Geo.,	Auburn.
15. Russell, Joseph,	
2. Seaman, Henry J.,	
33. Smith, Albert,	Batavia.
22. Strong, Stephen,	
24. Wheaton, Hor.,	Pompey.
16. White, Hugh,	
13. Wood, Bradford R.,	
5. Woodruff, Thomas M.,	
8. Woodworth, Wm. W.,	

Name.	Residence.
New Jersey. — 5.	
4. Edsal, Joseph E.,	
1. Hampton, James G.,	
3. Runk, John,	
5. Wright, Wm.,	Newark.
One Vacancy.	
Pennsylvania. — 24.	
16. Black, James,	Newport.
17. Blanchard, J.,	
10. Brodhead, R., Jr.	Easton.
24. Buffington, Jos.,	Kittanning.
3. Campbell, J. H.,	Philadelphia.
21. Darragh, Corn.,	Pittsburgh.
6. Erdman, Jacob,	
20. Ewing, John H.,	
19. Foster, H. D.,	Greensburg.
22. Garvin, Wm. S.,	
4. Ingersoll, C. J.,	Philadelphia.
2. Ingersoll, J. R.,	Philadelphia.
11. Leib, Owen D.,	
1. Levin, Lewis C.,	Philadelphia.
7. McIlvaine, A.R.,	Brandywine.
15. McLean, Moses,	
13. Pollock, James,	
14. Ramsey, Alex'r,	Harrisburg.
9. Ritter, John,	Reading.
18. Stewart, And'w,	Uniontown.
8. Strohm, John,	
23. Thompson, James,	
12. Wilmot, David,	
5. Yost, Jacob S.,	Pottstown.
Delaware. — 1.	
Houston, John W.,	
Maryland. — 6.	
[Election takes place Oct. 1. See Appendix.]	
Virginia. — 15.	
1. Atkinson, A.,	Smithfield.
7. Bayly, T. H.,	Drummondt'n,
10. Bedinger, Henry,	
15. Brown, Wm. G.,	
12. Chapman, A.A.,	Union.
2. Dromgoole, G.C.,	Summit.
13. Hopkins, G. W.,	Abingdon.
4. Hubard, E. W.,	Curdsville.
8. Hunter, R. M. T.,	Lloyd's.
14. Johnson, Joseph,	
5. Leake, Shelton, F.,	
9. Pendleton, John S.,	
6. Seddon, James A.,	
11. Taylor, Wm.,	Lexington.
3. Treadway, Wm. M.,	
North Carolina. — 9.	
2. Barringer, D. M.,	Concord.
9. Biggs, Asa,	
8. Clarke, Henry S.	
7. Daniel, J. R. J.,	Halifax.
5. Dobbin, James C.,	
4. Dockery, Alfred,	
1. Graham, James,	
6. McKay, J. J.,	Elizabethtown.
3. Reid, David S.,	Reidsville.
South Carolina. — 7.	
1. Black, Jas. A.,	Cherok. Works.
5. Burt, Armistead,	Abbeville.
6. Holmes, I. E.,	Charleston.
7. Rhett, R. B.,	Blue House.
2. Simpson, R. F.,	Pendletonville.
4. Sims, A. D.,	
3. Woodward, J.A.,	Winnsboro.
Georgia. — 8.	
6. Cobb, Howell,	Athens.
4. Haralson, H. A.,	La Grange.
2. Jones, Seaborn,	
1. King, Tho's B.,	Waynesville.
5. Lumpkin, J. H.,	Rome.
3. Poe, Washington,	
7. Stephens, A. H.,	Crawfordsville.
8. Toombs, Robert,	

Name. Residence.

Alabama. — 7.

6. Chapman, Reu., Somerville.
1. Dargan, Edward S.,
2. Hilliard, Henry W.,
5. Houston, G. S., Athens.
7. McConnell, F. G., Talladega.
4. Payne, W. W., Gainesville.
3. Yancey, Wm. L.,

Mississippi. — 4.

[Election takes place Nov. 3.]

Louisiana. — 4.

3. Harmonson, J. H., Avoyelles.
4. Morse, Isaac E.,
1. Slidell, John, New Orleans.
2. Thibodeaux, Bannon G.,

Arkansas. — 1.

Yell, Archibald, Little Rock.

Tennessee. — 11.

11. Brown, Milton, Jackson.
9. Chase, L. B.,
2. Cocke, Wm. C.,
3. Crozier, John H.,
4. Cullom, Alvan, Livingston.
7. Gentry, M. P., Harpeth.
1. Johnson, A., Greenville.
5. Jones, G. W., Fayetteville.
6. Martin, Barclay,
8. Peyton, Jos. H., Gallatin.
10. Stanton, Frederick P.,

Kentucky. — 10.

4. Bell, Joshua F.,
1. Boyd, Lynn, Bellevue.
8. Davis, Garrett, Paris.
3. Grider, Henry, Bowling Gr'n.
6. Martin, John P.,
2. McHenry, John H.,
7. Thomasson, W.P., Louisville.
10. Tibbatts, J. W., Newport.
9. Trumbo, An'w, Owingsville.

Name. Residence.

5. Young, Bryan R.,

Ohio. — 21.

11. Brinckerhoff, J., Mansfield.
16. Cummings, John D.,
2. Cunningham, Fra's A.,
10. Delano, Columbus,
1. Faran, James J.,
17. Fries, George,
20. Giddings, J. R., Jefferson.
14. Harper, Alex'r, Zanesville.
7. McDowell, J. J., Hillsborough.
15. Morris, Joseph, Woodsfield.
13. Parish, Isaac,
9. Perrill, Aug. L.,
21. Root, Joseph M.,
5. Sawyer, William,
3. Schenck, R. C., Dayton.
6. St. John, Henry, Tiffin.
18. Starkweather, D. A.,
8. Thurman, Allen G.,
19. Tilden, D. R., Ravenna.
4. Vance, Joseph, Urbana.
12. Vinton, S. F., Gallipolis.

Michigan. — 3.

3. Chipman, John S.,
2. Hunt, Ja's B., Pontiac.
1. McClelland, R., Monroe.

Indiana. — 10.

9. Cathcart, Charles W.,
6. Davis, John W., Carlisle.
2. Henley, T. J., Charlestown.
10. Kennedy, A., Muncietown.
7. McGaughey, Ed. W.,
1. Owen, Rob. D., New Harmony.
8. Pettit, John, La Fayette.
4. Smith, C. B., Connorsville.
3. Smith, Tho's, Versailles.
5. Wick, William W.,

Illinois. — 7.

7. Baker, Edw. D., Springfield,

Name.	Residence.
5. Douglass, S. A.,	Quincy.
3. Ficklin, O. B.,	Charleston.
6. Hoge, Joseph P.,	Galena.
2. McClernand, J. A.,	Shawneet'n.
1. Smith, Robert,	Alton.
4. Wentworth, J.,	Chicago.
Missouri.—5.	
Bowlin, Ja's B.,	St. Louis.
Phelps, John S.,	
Price, Sterling,	
Relfe, Ja's H.,	Caledonia.

Name.	Residence.
Sims, Leonard H.	
Florida.—1.	
Brockenbrough, W. H.,	Tallahassee.
TERRITORIES.	
Wisconsin.—1 *Delegate.*	
Martin, Morgan L.,	
Iowa.—1 *Delegate.*	
Dodge, Aug. C.,	Burlington.

ALPHABETICAL LIST OF THE REPRESENTATIVES.

Name.	State.	Name.	State.	Name.	State.
Abbott, Amos,	Ms.	Cathcart, Cha's W.,	Ind.	Dromgoole, Geo. C.,	Va.
Adams, John Q.,	Ms.	Chapman, Aug. A.,	Va.	Dunlap, Robert P.,	Me.
Anderson, Jos. H.,	N. Y.	Chapman, Reuben,	Ala.	Edsal, Joseph E.,	N. Y.
Arnold, Lem'l H.,	R. I.	Chase, L. B.,	Ten.	Ellsworth, Sam. S.,	N.Y.
Ashmun, George,	Ms.	Chipman, J. S.,	Mich.	Erdman, Jacob,	Pa.
Atkinson, Arch.,	Va.	Clarke, Henry S.,	N. C.	Ewing, John H.,	Pa.
Baker, Edward D.,	Ill.	Cobb, Howell,	Ga.	Faran, James J.,	O.
Barringer, Dan. M.,	N.C.	Cocke, Wm. C.,	Ten.	Ficklin, Orlando B.,	Ill.
Bayly, Tho's H.,	Va.	Collamer, Jacob,	Vt.	Foot, Solomon,	Vt.
Bedinger, Henry,	Va.	Collins, John F.,	N. Y.	Foster, Henry D.,	Pa.
Bell, Joshua F.,	Ky.	Cranston, H. Y.,	R. I.	Fries, George,	O.
Benton, Cha's S.,	N. Y.	Crozier, John H.,	Ten.	Garvin, William S.,	Pa.
Biggs, Asa,	N. C.	Cullom, Alvan,	Ten.	Gentry, Mere. P.,	Ten.
Black, James,	Pa.	Culver, Erast. D.,	N. Y.	Giddings, Joshua R.,	O.
Black, James A.,	S. C.	Cummings, John D.,	O.	Goodyear, Cha's,	N. Y.
Blanchard, James,	Pa.	Cunningham, F. A.,	O.	Gordon, Samuel,	N. Y.
Bowlin, James B.,	Mo.	Daniel, John R. J.,	N. C.	Graham, James,	N. C.
Boyd, Lynn,	Ky.	Dargan, Edw. S.,	Ala.	Grider, Henry,	Ky.
Brinckerhoff, Jacob,	O.	Darragh, Cornelius,	Pa.	Grinnell, Joseph,	Ms.
Brockenbr'gh, W. H.,	Fl.	Davis, Garrett,	Ky.	Grover, Martin,	N. Y.
Brodhead, Rich. Jr.,	Pa.	Davis, John W.,	Ind.	Hamlin, Hannibal,	Me.
Brown, Milton,	Ten.	Delano, Columbus,	O.	Hampton, Ja's G.,	N. Y.
Brown, Wm. G.,	Va.	Dillingham, Paul, Jr.,	Vt.	Haralson, Hugh A.,	Ga.
Buffington, Joseph,	Pa.	Dixon, James,	Ct.	Harmonson, J. H.,	La.
Burt, Armistead,	S. C.	Dobbin, James C.,	N. C.	Harper, Alex.,	O
Campbell, John H.,	Pa.	Dockery, Alfred,	N. C.	Henley, Tho's J.,	Ind.
Campbell, W. W.,	N. Y.	Dodge, A. C., *Del.*	Iowa.	Herrick, Rich. P.,	N. Y
Carroll, Cha's H.,	N. Y.	Douglass, Steph. A.,	Ill.	Hilliard, Hen. W.,	Ala.

Name.	State.
Hoge, Joseph P.,	Ill.
Holmes, Elias B.,	N. Y.
Holmes, Isaac E.,	S. C.
Hopkins, Geo. W.,	Va.
Hough, Wm. J.,	N. Y.
Houston, Geo. S.,	Ala.
Houston, John W.,	Del.
Hubard, Edm. W.,	Va.
Hubbard, Sam'l D.,	Ct.
Hudson, Charles,	Ms.
Hungerford, Orv.,	N. Y.
Hunt, James B.,	Mich.
Hunt, Washington,	N.Y.
Hunter, R. M. T.,	Va.
Ingersoll, Cha's J.,	Pa.
Ingersoll, Jos. R.,	Pa.
Jenkins, Timothy,	N. Y.
Johnson, Andrew,	Ten.
Johnson, Ja's H.,	N. H.
Johnson, Joseph,	Va.
Jones, Geo. W.,	Ten.
Jones, Seaborn,	Ga.
Kennedy, Andrew,	Ind.
King, Daniel P.,	Ms.
King, Preston,	N. Y.
King, Thomas B.,	Ga.
Lawrence, J. W.,	N. Y.
Leake, Shelton F.,	Va.
Leib, Owen D.,	Pa.
Levin, Lewis C.,	Pa.
Lewis, Abner,	N. Y.
Lumpkin, J. H.,	Ga.
Maclay, Wm. B.,	N. Y.
Marsh, Geo. P.,	Vt.
Martin, Barclay,	Ten.
Martin, John P.,	Ky.
Martin, M. L., *Del.*,	Wis.
McClelland, Rob.,	Mich.
McClernand, J. A.,	Ill.
McConnell, F. G.,	Ala.
McCrate, John D.,	Me.
McDowell, Jos. J.,	O.
McGaughey, E. W.,	Ind.
McHenry, John H.,	Ky.
McIlvaine, A. R.,	Pa.
McKay, James J.,	N. C.
McLean Moses,	Pa.
Miller, Wm. S.,	N. Y.
Morris, Joseph,	O.
Morse, Isaac E.,	La.
Moseley, Wm. A.,	N. Y.
Mott, John De,	N. Y.
Moulton, Mace,	N. H.
Niven, Arch. C.,	N. Y.
Norris, Moses, Jr.,	N.H.
Owen, Rob. D.,	Ind.
Parish, Isaac,	O.
Payne, Wm. W.,	Ala.
Pendleton, John S.,	Va.
Perrill, Augustus L.,	O.
Pettit, John,	Ind.
Peyton, James H.,	Ten.
Phelps, John S.,	Mo.
Poe, Washington,	Ga.
Pollock, James,	Pa.
Price, Sterling,	Mo.
Ramsey, Alex.,	Pa.
Rathbun, George,	N. Y.
Reid, David S.,	N. C.
Relfe, James H.,	Mo.
Rhett, R. B.,	S. C.
Ritter, John,	Pa.
Rockwell, John A.,	Ct.
Rockwell, Julius,	Ms.
Root, Joseph M.,	O.
Runk, John,	N. Y.
Russell, Joseph,	N. Y.
Sawtelle, Cullen,	Me.
Sawyer, William,	O.
Scammon, John F.,	Me.
Schenck, Rob. C.,	O.
Seaman, Henry J.,	N. Y.
Seddon, James A.,	Va.
Severance, Luther,	Me.
Simpson, Rich. F.,	S. C.
Sims, A. D.,	S. C.
Sims, Leonard H.,	Mo.
Slidell, John,	La.
Smith, Albert,	N. Y.
Smith, Caleb B.,	Ind.
Smith, Robert,	Ill.
Smith, Thomas,	Ind.
Smith, Truman,	Ct.
Stanton, Fred. P.,	Ten.
Starkweather, D. A.,	O.
Stephens, Alex. H.,	Ga.
Stewart, Andrew,	Pa.
St. John, Henry,	O.
Strohm, John,	Pa.
Strong, Stephen,	N. Y.
Taylor, Wm.,	Va.
Thibodeaux, B. G.,	La.
Thomasson, W. P.,	Ky.
Thompson, Benj.,	Ms.
Thompson, James,	Pa.
Thurman, Allen G.,	O.
Tibbatts, John W.,	Ky.
Tilden, Daniel R.,	O.
Toombs, Robert,	Ga.
Treadway, Wm. M.,	Va.
Trumbo, Andrew,	Ky.
Vance, Joseph,	O.
Vinton, Samuel F.,	O.
Wentworth, John,	Ill.
Wheaton, Horace,	N. Y.
White, Hugh,	N. Y.
Wick, Wm. W.,	Ind.
Williams, Hez'h,	Me.
Wilmot, David,	Pa.
Winthrop, Rob. C.,	Ms.
Wood, Brad. R.,	N. Y.
Woodruff, T. M.,	N. Y.
Woodward, Jos. A.,	S. C.
Woodworth, W. W.,	N.Y.
Wright, William,	N. J.
Yancey, Wm. L.,	Ala.
Yell, Archibald,	Ark.
Yost, Jacob S.,	Pa.
Young, Bryan R.,	Ky.

XXVI. POPULATION OF THE UNITED STATES,

According to the Six Enumerations. From the Official Revision.

States.	1790	1800	1810	1820	1830	1840
Maine,	96,540	151,719	228,705	298,335	399,955	501,793
New Hampshire,	141,899	183,762	214,360	244,161	269,328	284,574
Vermont,	85,416	154,465	217,713	235,764	280,652	291,948
Massachusetts,	378,717	423,245	472,040	523,287	610,408	737,699
Rhode Island,	69,110	69,122	77,031	83,059	97,199	108,830
Connecticut,	238,141	251,002	262,042	275,202	297,665	309,978
New York,	340,120	586,756	959,949	1,372,812	1,918,608	2,428,921
New Jersey,	184,139	211,949	249,555	277,575	320,823	373,303
Pennsylvania,	434,373	602,365	810,091	1,049,458	1,348,233	1,724,033
Delaware,	59,098	64,273	72,674	72,749	76,748	78,085
Maryland,	319,728	341,548	380,546	407,350	447,040	470,019
Virginia,	748,308	880,200	974,642	1,065,379	1,211,405	1,239,797
North Carolina,	393,751	478,103	555,500	638,829	737,987	753,419
South Carolina,	249,073	345,591	415,115	502,741	581,185	594,398
Georgia,	82,548	162,101	252,433	340,987	516,823	691,392
Alabama,	.....	.....	20,845	127,901	309,527	590,756
Mississippi,	.....	8,850	40,352	75,448	136,621	375,651
Louisiana,	.....	.....	76,556	153,407	215,739	352,411
Arkansas,	.....	.....	.....	14,273	30,388	97,574
Tennessee,	30,791	105,602	261,727	422,813	681,904	829,210
Kentucky,	73,077	220,955	406,511	564,317	687,917	779,828
Ohio,	.....	45,365	230,760	581,434	937,903	1,519,467
Michigan,	.....	.....	4,762	8,896	31,639	212,267
Indiana,	.....	4,875	24,520	147,178	343,031	685,866
Illinois,	.....	.....	12,282	55,211	157,455	476,183
Missouri,	.....	.....	20,845	66,586	140,445	383,702
Dist. Columbia,	.....	14,093	24,023	33,039	39,834	43,712
Florida,	.....	.....	.....	.....	34,730	54,477
Wisconsin,	.....	.....	.....	.....	.....	30,945
Iowa,	.....	.....	.....	.....	.....	43,112
Total,	3,929,827	5,305,925	7,239,814	9,638,131	12,866,920	17,063,353

XXVII. SLAVES IN THE UNITED STATES.

States.	1790	1800	1810	1820	1830	1840
Maine,	0	0	0	0	0	0
New Hampshire,	158	8	0	0	0	1
Vermont,	17	0	0	0	0	0
Massachusetts,	0	0	0	0	0	0
Rhode Island,	952	381	103	48	17	5
Connecticut,	2,759	951	310	97	25	17
New York,	21,324	20,343	15,017	10,088	75	4
New Jersey,	11,423	12,422	10,851	7,657	2,254	674
Pennsylvania,	3,737	1,706	795	211	403	64
Delaware,	8,887	6,153	4,177	4,509	3,292	2,605
Maryland,	103,036	105,635	111,502	107,398	102,294	89,737
Virginia,	293,427	345,796	392,518	425,153	469,757	448,987
North Carolina,	100,572	133,296	168,824	205,017	235,601	245,817
South Carolina,	107,094	146,151	196,365	258,475	315,401	327,038
Georgia,	29,264	59,404	105,218	149,656	217,531	280,944
Alabama,	.....	.....	.....	41,879	117,549	253,532
Mississippi,	.....	3,489	17,088	32,814	65,659	195,211
Louisiana,	.....	.....	34,660	69,064	109,588	168,452
Arkansas,	.....	.....	.....	1,617	4,576	19,935
Tennessee,	3,417	13,584	44,535	80,107	141,603	183,059
Kentucky,	11,830	40,343	80,561	126,732	165,213	182,258
Ohio,	.....	.....	.....	.....	0	3
Michigan,	.....	.....	24	.....	32	0
Indiana,	.....	135	237	190	0	3
Illinois,	.....	.....	168	117	*747	331
Missouri,	.....	.....	3,011	10,222	25,081	58,240
Dist. Columbia,	.....	3,244	5,395	6,377	6,119	4,694
Florida,	.....	.....	.....	.....	15,501	25,717
Wisconsin,	.....	.....	.....	.....	.....	11
Iowa,	.....	.....	.....	.....	.....	16
Total,	697,897	893,041	1,191,364	1,538,064	2,009,031	2,487,355

* Not slaves, but "indented colored servants."

XXVIII. *A Table showing the Amount of Duties on Imports and Tonnage, exclusive of drawback, and the Expenses of Collection, from* 1789 *to June* 30*th*, 1843, *in the Districts of Massachusetts and New York.*

Years.	Massachusetts.			New York.		
	Duties on Imports	Duties on Tonnage.	Expenses of collection.	Duties on Imports.	Duties on Tonnage.	Expenses of collection.
1791,	$1,025,974 48	$51,904 06	$58,931 45	$1,356,064 38	$59,384 95	$28,267 00
1792,	810,695 57	24,426 13	33,360 26	1,232,887 96	23,851 03	24,567 43
1793,	1,125,784 25	16,400 87	35,598 70	1,248,760 10	18,540 22	25,288 24
1794,	1,465,438 67	18,130 60	42,259 13	2,146,819 13	14,388 94	31,045 65
1795,	1,998,463 96	18,524 91	54,642 34	2,717,148 68	18,065 49	40,672 58
1796,	2,354,150 22	20,481 51	66,298 54	3,056,517 80	21,420 57	43,706 28
1797,	2,169,005 12	21,311 04	64,547 33	2,949,033 04	19,043 76	46,810 53
1798,	2,133,143 71	21,490 04	72,320 34	2,702,258 77	23,781 18	54,765 75
1799,	2,837,001 65	21,904 37	79,367 28	3,559,816 57	30,766 98	59,384 06
1800,	3,165,181 93	24,329 59	85,468 30	3,625,423 51	35,026 34	54,593 59
1801,	4,442,577 18	30,573 39	96,427 72	4,984,234 71	41,160 11	57,069 10
1802,	3,428,244 60	28,992 35	103,399 54	3,530,297 87	36,111 29	68,430 73
1803,	3,410,616 54	34,819 86	99,029 53	4,081,577 07	35,141 95	60,759 60
1804,	5,401,414 75	34,479 63	117,616 80	5,172,804 87	35,887 01	76,327 64
1805,	5,967,330 47	37,355 41	139,268 82	6,968,008 58	36,221 97	95,553 29
1806,	6,209,725 18	40,829 37	140,051 69	7,307,185 01	35,932 18	103,374 93
1807,	6,371,425 16	38,691 05	146,561 30	7,620,992 88	35,864 91	111,536 46
1808,	2,294,717 19	29,847 03	125,818 28	3,611,684 90	20,523 53	83,892 68
1809,	2,637,501 66	39,946 31	130,410 59	3,785,785 78	26,770 75	87,132 73
1810,	3,951,670 99	29,554 71	109,734 63	5,248,618 62	30,592 10	76,552 57
1811,	2,772,073 61	24,791 65	93,249 61	2,436,091 71	21,880 47	68,901 32
1812,	3,173,930 09	21,139 31	98,271 32	3,316,324 99	37,494 00	76,044 78
1813,	2,091,723 46	66,286 91	84,349 96	1,627,313 78	67,735 66	63,524 47
1814,	1,492,580 44	53,096 58	84,365 95	631,758 03	5,823 17	47,765 19
1815,	5,944,211 32	70,433 02	107,578 77	14,646,815 79	158,978 77	105,484 47
1816,	5,047,342 93	80,516 12	159,184 50	10,810,553 52	93,170 19	176,400 13
1817,	4,217,695 37	63,438 59	121,732 25	6,374,385 62	76,808 74	157,943 41
1818,	4,016,317 24	34,798 26	120,990 96	8,277,197 08	51,916 31	158,807 78
1819,	4,741,021 84	21,765 79	130,345 70	6,493,434 11	21,334 62	171,459 66
1820,	4,143,261 21	23,152 12	138,121 33	5,506,515 66	33,616 99	148,030 96
1821,	4,701,645 12	20,904 36	126,636 51	7,254,594 07	19,289 13	138,539 30
1822,	5,200,709 70	20,607 72	122,888 90	9,952,832 19	22,146 73	155,247 82
1823,	4,527,616 12	21,525 99	123,744 74	9,035,575 40	23,927 13	163,290 55
1824,	4,844,947 63	21,761 72	116,187 26	11,191,281 96	25,255 20	172,201 70
1825,	5,671,649 06	21,509 93	119,253 90	15,702,141 62	28,938 04	229,254 83
1826,	4,648,584 86	22,910 66	124,353 42	11,535,912 40	29,725 49	212,584 66
1827,	4,809,693 40	22,043 13	124,253 38	13,224,506 44	31,663 43	195,831 69
1828,	5,277,677 65	22,327 94	130,211 62	13,764,831 34	29,167 91	214,514 64
1829,	5,139,089 68	23,023 57	144,742 75	13,068,183 02	28,203 72	261,403 47
1830,	4,465,901 80	21,011 91	138,095 21	15,031,003 52	29,322 09	328,915 11
1831,	6,057,447 48	3,456 82	153,823 27	20,121,295 59	12,319 32	418,810 60
1832,	6,179,494 89	686 89	174,112 74	15,089,635 75	10,217 55	453,870 48
1833,	4,293,852 00	1,969 78	177,195 83	13,073,394 06	12,074 11	477,846 47
1834,	3,017,277 91	2,298 23	163,511 75	10,225,877 14	8,669 54	413,175 78
1835,	3,866,538 94	3,350 35	156,381 10	14,568,660 39	8,540 54	430,984 53
1836,	4,743,625 32	2,384 99	169,372 12	17,307,215 04	9,292 82	496,066 29
1837,	2,782,438 51	1,216 47	162,037 93	9,548,355 86	9,028 71	514,849 53
1838,	2,733,693 17	1,776 63	192,555 48	10,712,017 70	6,437 79	552,549 47
1839,	4,038,077 54	8,771 17	213,138 54	14,051,821 27	11,437 16	640,730 45
1840,	2,877,967 46	6,108 80	191,457 48	7,607,988 41	7,086 74	608,509 44
1841,	3,372,844 27	973 28	161,372 09	10,895,310 73	7,298 35	573,986 43
1842,	2,969,403 54	527 03	164,504 81	10,079,637 71	4,322 94	607,840 73
1843,	1,370,556 28	349 29	74,782 62	4,467,320 25	965 14	240,784 96

Totals.

Duties on Imports,	$200,250,953.35	Duties on Imports,	$414,586,002.47
Duties on Tonnage,	1,288,837.24	Duties on Tonnage,	1,542,563.79
Expense of collection,	6,324,916.38	Expense of collection,	10,906,071.95

INDIVIDUAL STATES.

I. MAINE.

GOVERNMENT.

			Salary.
HUGH J. ANDERSON, of Belfast, *Governor*, (term of office expires on the 1st Wednesday in Jan., 1847,)			$1,500
Philip C. Johnson,	of Augusta,	*Secretary of State*,	900
James White,	of Belfast,	*Treasurer*,	900
Alfred Redington,	of Augusta,	*Adjutant General*,	700
Levi Bradley,	of Charleston,	*Land Agent*,	1,000
Benjamin Carr,	of Palermo,	*Warden of State Prison*,	700
James Bates,	of Augusta,	*Sup't of Insane Hospital*,	800
Nathaniel Mitchell,	of Portland,	*Bank Commissioners.*	
Alpheus Lyon,	of Waterville,		
Moses McDonald,	of Limerick,	*Speaker of the House.*	
Samuel Belcher,	of Farmington,	*Clerk of do.*	
Manly B. Townsend,	of Alexander,	*President of the Senate.*	
J. O. L. Foster,	of Lewiston,	*Clerk of do.*	

JUDICIARY.

Supreme Judicial Court.

Ezekiel Whitman,	of Portland,	*Chief Justice*,	$1,800
Ether Shepley,	of Portland,	*Justice*,	1,800
John S. Tenney,	of Norridgewock,	*do.*	1,800
Wyman B. S. Moor,	of Waterville,	*Attorney General*,	1,000
John Shepley,	of Saco,	*Reporter*,	1,000

District Courts.

Daniel Goodenow,	of Alfred,	West. Dist.	*Judge*,	1,200
Asa Redington, Jr.,	of Augusta,	Mid. do.	*do.*	1,200
Frederick H. Allen,	of Bangor,	East. do.	*do.*	1,200

Municipal and Police Courts.

Luther Fitch,	of Portland,	*Judge*,	700
Ebenezer Clap,	of Bath,	*do.*	
Gustavus G. Cushman,	of Bangor,	*do.*	500

Probate Courts.

Counties.	Judges.	Residence.	Salary.	Registers.	Residence.	Salary.
York,	Wm. A. Hayes,	S. Berwick,	$300	Wm. Hammond,	Eliot,	$550
Cumberland,	Barrett Potter,	Portland,	400	Chris. C. Tobie,	Westbrook,	900
Lincoln,	Nath'l Groton,	Bath,	300	Arnold Blaney,	Bristol,	500
do. E. Dist.	Joel Miller,	Thomaston,	100	Beder Fales,	Thomaston,	150
Hancock,	Sam'l M. Pond,	Bucksport,	200	J. D. Richards,	Ellsworth,	300
Washington,	J. C. Talbot,	E. Machias,	250	Albert G. Lane,	Machias,	400
Kennebec,	Wm. Emmons,	Hallowell,	300	Fran. Davis, Jr.,	Augusta,	550
Oxford,	Lyman Rawson,	Rumford,	200	Geo. F. Emery,	Paris,	350
Somerset,	Charles Greene,	Athens,	150	Thos. C. Jones,	Norridgew'k	300
Penobscot,	Samuel Cony,	Orono,	275	John Williams,	Bangor,	550
Waldo,	Jona. Thayer,	Camden,	150	Charles Palmer,	Belfast,	300
Franklin,	Mos. Sherburne,	Phillips,	100	Sewall Cram,	New Sharon	150
Piscataquis,	Eph. Packard,	Blanchard,	75	Eben. S. Greely,	Dover,	125
Aroostook,	S. G. Tuck,	Haynesville,	100	Theodore Cary,	Houlton,	125

Finances.

[Extracted from the Report of the State Treasurer, Dec. 31, 1844.

Total amount received in 1844,	$366,885 01
Balance in the Treasury, January 1, 1844,	388,595 88
	755,480 89
Total amount expended in 1844,	363,058 65
Balance in the Treasury, January 1, 1845,	392,422 24

Principal Items of Expenditure.

Salaries	$21,462 20
Expenses of Executive,	5,221 33
Pay of the Legislature,	35,414 50
Interest on the State Debt,	97,886 68
Costs in crim. prosecu'ns,	16,036 46
Common Schools,	27,194 74
Education of deaf, dumb, and blind,	4,970 01
Roll of accounts, No. 25,	23,412 52
Public debt paid off,	72,500 00
Agricultural Societies,	1,805 20
State Prison,	10,615 37
Insane Hospital,	1,257 33
Printing, Binding, &c.,	2,551 00
Militia Pensions,	1,764 00
Military Purposes,	1,413 87
Indian Tribes,	5,144 11
County Taxes,	10,002 94

Chief Sources of Income.

Land Office,	$92,151 02
Direct taxes,	213,681 69
School Fund, No. 12,	26,131 88
Permanent School Fund,	15,307 53
County taxes,	6,808 26
Bank Stock,	3,309 00
Interest on deposits,	4,624 54
Miscellaneous,	6,076 73

Whole amount of State Debt,	$1,590,931 22
Annual interest on this debt,	94,000 00

Common Schools.— The whole number of persons in the State, between the ages of 4 and 21 years, as returned to the Secretary of State's office for 1844, is 217,691; and School fund No. 12, amounting to $26,131 88, as apportioned by the State Treasurer, is at the rate of 13 cents to each child. In addition to this, the several cities, towns, and plantations are required by statute to raise by direct taxation a sum not less than 40 cents for each inhabitant.

II. NEW HAMPSHIRE.

GOVERNMENT.

For the Year ending on the first Wednesday of June, 1846.

			Salary.
JOHN H. STEELE,	of Peterborough,	*Governor*,	$1,000
Thomas P. Treadwell,	of Concord,	*Secretary of State*,	800
Henry S. Rand,	of Portsmouth,	*Deputy Sec. of State*,	Fees.
John Atwood,	of Concord,	*Treasurer*,	600
Charles H. Peaslee,	of Concord,	*Adjutant General*,	400
Asa P. Cate,	of Northfield,	*President of the Senate.*	
Harry Hibbard,	of Bath,	*Speaker of the House.*	
Moody Currier,	of Manchester,	*Clerk of the Senate.*	

Executive Council.

	Counties.	Councillors.
1st District,	Rockingham and part of Merrimack,	Benjamin Jenness, of Deerfield,
2d do.	Strafford, Belknap, and Carroll,	Josiah Bartlett, of Lee.
3d do.	Hillsborough and part of Merrimack,	William Parker, of Francistown.
4th do.	Cheshire and Sullivan,	Amos Perkins, of Unity.
5th do.	Grafton and Coos,	Caleb Blodgett, of Canaan.

The Governor, Executive Council, Senate, and House of Representatives, are elected annually on the 2d Tuesday of March; the official year commencing on the 1st Wednesday in June. The State is divided into *five* Districts for the choice of Councillors; and again divided into *twelve* Districts for the choice of Senators; the number composing these two bodies being limited by the Constitution, while the number of Representatives is unlimited—every town possessing 150 ratable male inhabitants being entitled to one Representative, and one for each additional 300.

JUDICIARY.

The Superior Court of Judicature consists of a chief justice and two associate justices, who hold one term annually in each of the ten counties of the State, for the hearing and determining questions of law, &c. This Court is also vested with Chancery jurisdiction for certain purposes.

The judges of the Superior Court of Judicature are, *ex officio*, judges of

the Court of Common Pleas. This Court, before whom all actions for the recovery of debts and the enforcement of contracts, and all jury trials are brought, consists of one of the justices of the Superior court, who sits as chief justice of the Court of Common Pleas, and of two county judges, generally appointed from among the yeomanry, whose principal duty it is to attend to the ordinary business of the county; its roads, expenses, &c. Terms are held semi-annually, in each of the counties.

Superior Court.

			Appointed.	Salary.
Joel Parker,	of Keene,	*Chief Justice*,	1838	$1,400
Andrew S. Woods,	of Bath,	*Associate Justice*,	1840	1,200
John J. Gilchrist,	of Charlestown,	*do.*	1840	1,200

Circuit Court.

			Appointed.	Salary.
Charles F. Gove,	of Nashville,		1843	1,200
Ira A. Eastman,	of Gilmanton,		1844	1,200
Lyman B. Walker,	of Concord,	*Attorney General*,	1843	1,200

Judges of the Court of Common Pleas.

Counties.	Justices.	Residence.	Salary.
Rockingham,	Bradbury Bartlett,	Nottingham,	$3 per day during attendance at Court, and 10 cents per mile for travel.
	James Pickering,	Newington,	
Strafford,	George L. Whitehouse,	Farmington,	
	Hiram R. Roberts,	Somersworth,	
Belknap,	Thomas Cogswell,	Gilmanton,	
	Henry Y. Simpson,	New Hampton,	
Carroll,	Nathaniel Rogers,	Wolfeborough,	
	Thomas P. Drake,	Effingham,	
Merrimack,	Benjamin Wadleigh,	Sutton,	
	Jacob A. Potter,	Concord,	
Hillsborough,	Jacob Whittemore,	Antrim,	
	Jesse Carr,	Goffstown,	
Cheshire,	Horace Chapin,	Winchester,	
	Nathan G. Babbitt,	Westmoreland,	
Sullivan,	Ambrose Cossit,	Claremont,	
	Eleazer Jackson,	Cornish,	
Grafton,	David C. Churchill,	Lyme,	
	Nathaniel S. Berry,	Bristol,	
Coos,	Joshua Marshall,	Stratford,	
	Richard Eastman,	Lancaster,	

Courts of Probate.

Counties.	Judges.	Salary.	Registers.	Salary.
Rockingham,	John Sullivan,	$334	David A. Gregg,	$462
Strafford,	Benning W. Jenness,	167	Enoch Berry,	233
Belknap,	Warren Lovell,	142	Jeremiah Elkins,	183
Carroll,	Jonathan T. Chase,	142	Obed Hall,	183
Merrimack,	Horace Chase,	245	Joseph Robinson,	345
Hillsborough,	Luke Woodbury,	276	Samuel N. Pattee,	383
Cheshire,	Larkin Baker,	225	Elijah Sawyer,	300
Sullivan,	John L. Putnam,	175	Uriel Dean,	225
Grafton,	Walter Blair,	275	Samuel Swasey,	380
Coos,	Benj. Hunking,	100	George A. Cossit,	125

STATE PRISON.

Samuel G. Berry, *Warden*, William Berry, *Deputy Warden*, Rev. John Atwood, *Chaplain*, Ezra Carter, M. D., *Physician*.

Net income of the prison over its expenditure, during the year ending May 31, 1845, $356 79. Of 81 convicts in the prison, June 1, 1845, 52 were natives of New Hampshire, 17 of other parts of New England, 4 of the Middle or Western States, and 8 were foreigners. 38 were sentenced for stealing, 8 for burglary or store-breaking, 7 for rape, or assault with intent, 6 for arson, 8 for manslaughter or inferior degrees of murder, 8 for counterfeiting or passing counterfeit money, 4 for forgery, 1 for subornation of perjury, and 1 for murder, sentence commuted.

Table of the number of Convicts in prison, committed, discharged, pardoned, deceased, and escaped, in each year since 1829.

A. D.	In Prison.	Committed.	Discharged.	Pardoned.	Died.	Escaped.	A. D.	In Prison.	Committed.	Discharged.	Pardoned.	Died.	Escaped
1829	50	11	9	7	1		1838	70	5	4	3		
1830	68	31	9	4			1839	73	30	10	15	2	
1831	81	24	8	3			1840	78	24	4	14	1	
1832	82	19	10	6	1	1	1841	84	28	13	7	2	
1833	81	16	8	9			1842	92	20	9	3		
1834	79	13	4	11			1843	99	28	17	4		
1835	78	23	6	16		2	1844	89	25	19	15	1	
1836	86	21	8	4	1		1845	81	14	8	12	2	
1837	72	12	15	10	1								

The prison is built and conducted on the Auburn plan.

New Hampshire Asylum for the Insane, established at Concord, in October, 1842; Dr. George Chandler, *Physician and Superintendent*. The pa-

tients pay for their board $1.75 per week, and the Institution thus supports itself. The number admitted since the opening of the Asylum — less than three years — was 268, and the number remaining, June 1, 1845, was 76. 37 have been cured during the past year, and 86 since the opening of the Asylum.

FINANCES.

[From a Report to the Legislature, June 10, 1845.]

Receipts.		*Expenditures.*	
Balance in the Treasury, June 5, 1844,	$7,249 57	Executive and Judiciary,	18,529 00
Temporary loans,	63,000 00	Members of Legislature,	33,193 60
From sundry individuals,	1,120 19	Loans repaid,	57,568 70
From railroad tax,	15,635 67	To towns, from railroad tax,	7,230 12
State tax payable in 1842, 1843, and 1844,	59,897 31	For deaf mutes and blind,	2,083 33
Sundries,	265 07	Military appropriations,	985 00
		N. Hamp. Law Reports,	1,656 75
Total,	147,167 81	State Printers,	2,573 62
Amount in the Treasury, June 4, 1845,	7,824 97	Orders by the Legislature,	3,616 13
		Geological Survey,	3,051 15
		Asylum for the Insane,	5,000 00
		Miscellaneous,	3,068 23
		Total,	138,855 63

III. VERMONT.

GOVERNMENT.

			Salary.
WILLIAM SLADE,	of Middlebury,	*Governor*, (term ends Oct. 1846,)	$750*
Horace Eaton,	of Enosburg,	*Lieut-Gov. & Pres. Sen.*, pay,	$4 a day.
John Spalding,	of Montpelier,	*Treasurer*,	500
Ja's McM. Shafter,	of Burlington,	*Secretary of State*,	275
Ferrand F. Merrill,	of Montpelier,	*Deputy Secretary of State.*	
Geo. H. Beaman,	of Rutland,	*Sec'y Civil & Military Affairs*,	200
David Pierce,	of Woodstock,	*Auditor of Accounts*,	150
DeWitt C. Clarke,	of Brandon,	*Secretary of the Senate*,	250
Andrew Tracy,	of Woodstock,	*Speaker of the House.*	

* And $100 as Commissioner for the Deaf, Blind, Insane, &c.

Ferrand F. Merrill,	of Montpelier,	*Clerk of the House of Rep.*,	400
Gustav. H. Loomis,	of Montpelier,	*State Librarian*,	100
Chipman Swain,	of Windsor,	*Superintendent of State Prison*,	500
F. W. Hopkins,	of Rutland,	*Adjutant & Inspector General*,	150
C. B. Adams,	of Middlebury,	*State Geologist.*	
Thomas Kidder,	of Windsor,	*Chaplain of State Prison*,	400

The Senate, established in 1836, consists of 30 members, each county being entitled to at least one, and the rest being apportioned according to population; and the House of Representatives is composed of about 230 members, one member from each town. Pay of the members of each House, $1.50 a day, during the session of the legislature.

JUDICIARY.

Supreme Court.

			Salary.
Charles K. Williams,	of Rutland,	*Chief Justice*,	$1,375
Stephen Royce,	of St. Albans,	*Associate Judge*,	1,375
Isaac F. Redfield,	of Montpelier,	*do.*	1,375
Milo L. Bennett,	of Burlington,	*do.*	1,375
William Hebard,	of Randolph,	*do.*	1,375
Peter T. Washburn,	of Woodstock,	*Reporter*,	450

The Judiciary powers are vested in a Supreme Court, consisting of five judges; in County Courts, or Courts of Common Pleas, comprising five circuits, each County Court being composed of one judge of the Supreme Court, who is, *ex officio*, chief justice of the County Courts of his circuit, and two assistant judges for each county; and in justices of the peace; all the judges and justices being chosen annually by the Legislature.

The Supreme Court sits once, and the County Courts twice, a year, in each county. Each judge of the Supreme Court is chancellor of a circuit. The Court of Chancery has two stated sessions annually in each county. An appeal from the decree of the chancellor lies to the Supreme Court.

Common Schools.— There is an accumulating State School Fund, which is not at present appropriated.

Returns have been received from only 159 towns, containing in 1843, 25,874 families, 1,809 school districts, 64,950 children between the ages of 4 and 18, 52,655 children attending school in said year; schools were taught by male teachers 3,896 months, by female teachers 6,987 months; $51,068 were paid to the former for wages, $33,605 to the latter; $60,691 of public money were received by those districts within the said year.

From these data it results that 19 per cent. of the children between 4 and 18 did not attend the common schools, (a portion of the children

doubtless attended select schools;) that the average monthly wages of the male teachers was $13.11, of the female teachers, $4.80; that the average number of months taught was 6; the average number of children that attended school in each district 29; and that the amount paid teachers was equal to $1.61 to each scholar taught.

It also appeared that the population of the towns, from which returns have been made, was 193,353 in 1840, and that the amount paid to teachers other than those of select schools, in the whole state, assuming the returns received, and the population in the towns returned and of the state, as the basis of the calculation, is $128,000 per annum.

Vermont Asylum for the Insane, Brattleboro'. — William H. Rockwell, M. D., *Superintendent and Physician;* Doctor Samuel B. Low, *Assistant Physician;* Mrs. Ann F. Wilkinson, *Matron.* In the last year, 232 patients have enjoyed the advantages of the institution. Of these, 74 have been discharged, and 96 admitted, leaving 158 patients on the 1st of Oct., 1844.

Of the recent cases, 89 per cent. have recovered, while of the chronic, or old cases, only 34 per cent. have recovered. The terms are fixed at $2 per week, or $100 per year, if the patient remain so long.

State Prison. — Number of convicts, 67; expenditure, $6,903 79; income, $5,036 64.

Paupers. — The paupers are supported by the towns, and no returns of them are made to the State. The indigent blind are supported by the State at the Boston Asylum, and the indigent deaf and dumb at the Hartford Asylum.

Finances.

Total amount received by the State in 1844,	$95,788 16
Total amount expended by the State in 1844,	90,054 47

Principal items of Expenditure.		*Chief sources of Income.*	
General Assembly,	$12,236 40	Taxes,	$69.144 41
Judges Sup. Court,	7.165 03	U. S. public lands,	1,257 48
Auditor's orders,	13,007 37	State Att'ys' collections,	2.641 91
Deaf and Dumb Asylum, Hartford,	4,004 03	Safety Fund Bank,	2,512 50
Insane Hospital,	1,985 71	Safety Fund notes,	1,200 00
Military drafts,	1,651 50	Interest on Notes,	10.391 66
Silk premiums,	2,441 68	Bank taxes,	3,384 67
Expenses of Courts,	26,328 63	Cash borrowed,	2,500 00
Borrowed money & int'st,	14,066 59		

The debt of the State is owing to the State, as follows: — Due the School Fund, (which Fund has never been used, being in progress of accumulation,) $198,303 34; Due to the Bank Fund, $26,085 64; Due the towns for deposits of surplus funds, $14,812 28

IV. MASSACHUSETTS.

GOVERNMENT

For the Year ending on the 1st Wednesday in January, 1846.

			Salary.
GEORGE N. BRIGGS,	of Pittsfield,	*Governor*,	$2,500
John Reed,	of Yarmouth,	*Lieutenant-Governor*,	$4 a day.
John G. Palfrey,	of Cambridge,	*Sec. of the Commonwealth*,	1,600
Joseph Barrett,	of Concord,	*Treasurer and Receiver Gen.*,	1,600
Henry K. Oliver,	of Salem,	*Adjutant General and Keeper of Military Stores*,	1,500
William Tufts,	1*st Clerk, Sec. of State's Office*,		1,000
Joseph Foster,	1*st Clerk, Treasurer's Office*,		1,000
Horace Mann,	of Boston,	*Sec. of the Board of Education*,	1,500
Levi Lincoln,	of Worcester,	*President of the Senate.*	
Samuel H. Walley,	of Roxbury,	*Speaker of the House of Rep.*	
Charles Calhoun,	of Boston,	*Clerk of the Senate*,	$8 per day.
Charles W. Storey, Jr.,	of Boston,	*Clerk of the House*,	$8 per day.

JUDICIARY.

Supreme Judicial Court.

Lemuel Shaw,	of Boston,	*Chief Justice*,	$ 3,500
Samuel S. Wilde,	of Boston,	*Justice*,	3,000
Charles A. Dewey,	of Northampton,	*do.*	3,000
Samuel Hubbard,	of Boston,	*do.*	3,000
Theron Metcalf,	of Dedham,	*Reporter*,	300
Asahel Huntington,	of Salem,	*District Attorney*, N. Dist.	1,000
John H. Clifford,	of New Bedford,	*do.* S. do.	1,000
Ezra Wilkinson,	of Dedham,	*do.* Mid. do.	700
William Porter, Jr.,	of Lee,	*do.* W. do.	700
Samuel D. Parker,	of Boston,	*Attorney*, Co. Suffolk,	1,500

Court of Common Pleas.

Daniel Wells,	of Greenfield,	*Chief Justice*,	1,800
Pliny Merrick,	of Worcester,	*Associate Justice*,	1,700
Emery Washburn,	of Worcester,	*do.*	1,700
Joshua H. Ward,	of Salem,	*do.*	1,700
Luther S. Cushing,	of Boston,	*do.*	1,700
H. G. O. Colby,	of New Bedford,	*do.*	1,700

Probate Courts.

Counties.	Judges.	Salary.	Registers.	Salary.
Barnstable,	Nymphas Marston,	$400	Timothy Reed,	$400
Berkshire,	Wm. P. Walker,	375	Henry W. Bishop,	500
Bristol,	Oliver Prescott,	400	Anselm Bassett,	600
Dukes,	Theod. G. Mayhew,	100	B. C. Marchant,	150
Essex,	Daniel A. White,	600	Nathaniel Lord, Jr.,	1,200
Franklin,	R. E. Newcomb,	240	Geo. Grennel, Jr.,	400
Hampden,	Oliver B. Morris,	240	Justice Willard,	400
Hampshire,	Ithamar Conkey,	240	Samuel F. Lyman,	400
Middlesex,	Samuel P. P. Fay,	700	Isaac Fiske,	1,200
Nantucket,	Samuel Mitchell,	200	George Cobb,	300
Norfolk,	Sherman Leland,	400	Jonathan H. Cobb,	600
Plymouth,	Aaron Hobart,	350	Jacob H. Loud,	600
Suffolk,	Willard Phillips,	800	H. M. Willis,	1,500
Worcester,	Benj. F. Thomas,	600	Charles G. Prentiss,	1,200

Police Court of Boston.

John Gray Rogers,	*Justices*, . . .	1,500
James C. Merrill,		1,500
Abel Cushing,		1,500

FINANCES.

Balance in the Treasury, January 1, 1844, . .		$9,748 67
The ordinary receipts in 1844, exclusive of money borrowed, were — from the Bank tax, . .	$305,592 77	
Auction Tax, ...	40,950 37	
State Tax, ...	12.675 50	
Attorney for Suffolk County, . .	5,951 96	
Proceeds of Lands in Maine, . .	1,880 84	
Temporary loans, ...	85,000 00	
Miscellaneous, . . .	7,538 72	
Martha Johonnot's Annuities, . .	2,437 67	
Total of ordinary receipts, . .		471,776 50
The expenditures in 1844 for ordinary purposes were,		461,097 91
Cash on hand for ordinary purposes, January 1, 1845,		$10,678 59

Indebtedness of the Commonwealth, January 1, 1845.

Five per cent. stock, due 1845, .	$46,550 00	
" " " " due 1846, . .	37,140 00	
Note to Phœnix Bank, . .	6,000 00	
Western Railroad assessments, . .	995,000 00	
Total for all purposes, . .		1,084,690 00
Credit of the State loaned to railroads, . .		5,049,555 56
Total liabilities of the State, . .		6,134,245 56

Principal Expenditures in 1844.

Pay of the Council, Senate, and Representatives,	59,475 20
Salaries established by law,	65,979 48
Balances to County Treasurers,	30,890 41
Militia services,	27,382 50
Support of paupers, military and other accounts,	82,261 19
Interest on State Stock,	7,106 09
Interest on Western Railroad Stock Loan,	61,407 00
Miscellaneous,	11,049 55
State Printing,	7,572 25
Scrip of 1842 paid off,	47,538 00
Asylum for Blind, $8,782 74; For Deaf and Dumb, $4,072 45,	12,855 19
Lunatic Hospital, $5,000 00; Normal Schools, $3,000 00,	8,000 00

Stocks and various Funds belonging to the Commonwealth.

10.000 shares Western Railroad Stock,	$970,000 00
Notes, Stocks, 40,850 69; School Fund for Indians, 2,500 00,	43,350 69
Massachusetts School Fund,	754,014 97
Charles River and Warren Bridge Fund,	30,812 35
Western Railroad Loan Sinking Fund, (in trust,)	237,053 65
Western Railroad Stock Sinking Fund,	287,202 97

Finances of the City of Boston.— The receipts during the year ending May 1, 1845, were $1,078,057; the payments amounted to $869,575. Balance in Treasury, May, 1845, $130,872.

The principal sources of revenue were direct taxes, which produced $720,001; lands, bonds, and mortgages, $112,644; and rents, $52,595. The amount of taxes assessed in 1844, was $744,210; of which $710,701 were assessed on real and personal estate, at the rate of 6 mills on a dollar of the valuation. The valuation of real estate was $72,048,000, and of personal, $46,402,300; total, $118,450,300. There was besides assessed on 22,339 polls, at $1 50 each, $33,508.

The principal payments were the following:—1st, on account of the principal of the city debt, exclusive of temporary loans, $274,960; 2d, interest, $70,975; 3d, Public Schools, $214,919, viz.: for salaries of instructers, exclusive of those of the primary schools, $89,005; schoolhouses, $64,598; primary schools, including salaries of teachers, fuel, &c., $40,198; and contingent expenses of schools; 4th, fire department and reservoirs, $42,623; 6th, internal health department, including collecting and carrying out of the city house offal, sweeping streets, &c., with sewers and drains, $41,956; 7th, lamps, $24,749; 8th, watch, $47,905; 9th, widening streets, $57,108; 10th, paving and repairs of streets, $38,732; 11th, police, $9,762; 13th, house of industry, $29,151; 14th, overseers of the poor, $15,000; 15th, lunatic asylum, exclusive of receipts and new building, $8,326; 16th, salaries of city officers, $37,176; 17th, expenditures for the county of Suffolk, $37,609; and 18th, the city's proportion of the State tax of $75,000, $25,488. Besides these there are a variety of smaller items, among which are expenditures in attempting to procure a supply of pure water, $3,116; celebration of 4th of July, $3,679.

Railroads in Massachusetts and the adjacent States.

	L'gth in miles.	Capital.	Cost of construc'n.	Receipts in 1844.	Expens's in 1844.	Dividend for 1844,	No. of miles run.
		$	$	$	$	p.ct.	
Berkshire Railroad,	21	250,000	205,000.00	17,737.00			27,645
Boston and Lowell,	26	1,800,000	1,902,555.67	316,909.58	169,293 88	8	164,374
Boston and Maine,	55	1,240,441	1,485,460.93	233,101.04	137,036.14	6½	168,096
Bost. & Maine Ext'n,	17¼	428,225	455,702.64				
Boston & Providence,	42	1,860,000	1,886,134.58	283,701.18	113,834.74	6	137,492
Boston & Worcester,	44	2,900,000	2,914,078.08	463,937.34	233,273.92	7½	220,623
Charlestown Branch,	6	250,000	280,259.72	34,653.90	20,663.10	5½	27,926
Eastern Railroad,	55	1,800,000	2,388,044.48	337,238.46	109,318.86	7½	204,962
Fitchburg Railroad,	49	1,150,000	992,433.37	42,759.36	15,924.75		55,324
Hartford & Spr'gfield,	6	60,000					1,136
Nashua and Lowell,	14	380,000		94,587.80	59,643.78	10	42,350
N. Bedford & Taunton,	21	400,000	430,961.70	64,997.74	24,180.51	6	40,396
Norwich & Worc'ster,	50	2,150,000	2,170,365.61	230,674 05	131,209.70	3	158,268
Taunton Branch,	11	250,000		96,686.65	71,525.33	8	21,570
West Stockbridge,			41,516.29			4	4,256
Western Railroad,	156	3,000,000	7,666,202.47	753,752.72	314,074.20	3	499,968

The *Northampton and Springfield*, *Old Colony*, *Stoughton Branch*, *Vermont and Massachusetts*, *Worcester Branch*, and *Fall River Branch* Railroads are in process of construction.

Statistics of Crime.

Table showing the number of prosecutions, convictions, &c., in the year 1844, *in the following Counties of Massachusetts: Suffolk, Hampshire, Hampden, Franklin, Berkshire, Essex, Middlesex, Worcester, and Norfolk.* The population of these Counties, in 1840, was 584,644.

Offences.	No. of persons prosecuted.	No. convicted.	No. acquitted.	Nol pros'd, quashed, &c.	Proportion of *prosecutions* to populati'n.	Proportion of *convictions* to populati'n.
Against the person, feloniously,*	39	21	4	5	1 to 14,991	1 to 27,840
Against the person, not feloniously,†	166	77	30	43	1 to 3,523	1 to 7,593
Against property, with violence,‡	103	56	15	21	1 to 5,676	1 to 10,080
Against property, without violence,‖	430	242	31	94	1 to 1,359	1 to 2,416
Other offences,§	1,383	640	134	368	1 to 423	1 to 913
Total,	2,121	1,036	214	531	1 to 276	1 to 563

* Murder, rape, assault with knife or gun, and felonious assault.
† Assault and battery. ‡ Riot, burglary, highway robbery, and arson.
‖ Larceny, cheating, counterfeiting, forgery, &c.
§ Breaches of license and Sunday laws, keeping brothels, conspiracy, perjury, adultery, lewdness, gambling, &c.

Of those convicted, 9 were sentenced to the Common Jail, 219 to the House of Correction, and 102 to the State Prison. The remainder were fined.

State Prison. — The number of convicts in prison, October 1, 1843, was 265; received during the year ending October 1, 1844, 105; discharged by expiration of their terms during this year, 65; by pardon or remission of sentence, 15; by order of court, 4; sent to Lunatic Hospital, 7; escaped, 1; died, 2; number remaining, 276. 21 of these are under 20 years of age.

There were sentenced, for larceny, 96; as common and notorious thieves, 19; for burglary, 28; murder, 1; manslaughter, 2; felonious assault, 16; highway robbery, 3; arson, 7; shop-breaking, 13; stealing, 10; counterfeiting, 9. Twelve are under sentence for life, and 30 for 10 years or upwards. 105 were natives of Massachusetts, 68 of other New England States, 41 of other States, and 62 are foreigners.

Of the 276 now in prison, 54 are recommitments: viz., 38 are 2d comers, 13 are 3d comers, 1 is a 4th, 1 a 5th, and 1 is a 6th comer. 14 are negroes, and 15 mulattoes. The earnings of the prison during the year have met all expenses, and left a small surplus.

The number of houses and buildings erected in Boston within the present year, as shown by the number of permits granted, and recorded on the books of the city marshal,

	On the Peninsula.	At East Boston.	South Boston.
Brick houses,	741	59	2
Wooden "	142	219	167
Brick Stores,	105	0	0
Wooden houses and shops,	110	5	27
Churches and Chapels,	6	1	0
Other Buildings,	28	11	2
	1132	295	198

Lowell Statistics — January 1, 1845.

Capital stock,	$10,850,000
Number of Mills, exclusive of print-works, &c.,	33
Spindles,	204,076
Looms,	6,304
Females employed,	6,320
Males employed,	2,415
Yards made per week,	1,459,100
Bales of cotton used in do.,	1,175
Pounds of cotton wrought in do.,	464,000
Yards dyed and printed do.,	287,000
Tons of anthracite coal per annum,	12,500
Cords of wood per annum,	3,270
Gallons of oil per annum,	64,842
Flour for starch, barrels, per annum,	4,000
Charcoal, bushels, per annum,	600,000
Yards of cloth, per annum,	75,873,200
Pounds of cotton consumed,	24,128,000

A pound of cotton averages 3 1-5 yards.
100 pounds of cotton will produce 89 pounds of cloth.
Average wages of females, clear of board, per week, $1 75.
Average wages of males, clear of board, per day, 70 cents.
Average amount of wages paid per month, $138,500.

Abstract of the Returns of the Poor for 1844.

Counties.	No. of paupers during the year.	Number having a legal settlement.	Number of State Paupers.	Number of State Paupers who are foreign.	Alms-Houses.	Number of acres of land attached to Alms-House.	Estimated value of Alms-House Establishment.	No. relieved in Alms-House during the year.	Average Number supported in Alms-House.	Av. weekly cost of each pauper in Al. House.
Suffolk,	3,667	1,117	2,550	1,777	2	45	$101,000 00	1,381	627	$0 99
Essex,	2,141	1,655	337	167	19	2,163	192,606 75	1,039	621	0 80
Middlesex,	2,243	923	1,268	898	38	3,753	200,950 00	1,367	788	0 91
Worcester,	1,306	990	259	165	40	6,234	155,465 00	675	505	0 79
Hampshire,	334	225	63	28	4	296	9,700 00	106	41	0 73
Hampden,	496	283	212	67	5	650	22,600 00	200	99	0 72
Franklin,	290	260	29	3	5	600	10,950 00	41	28	0 65
Berkshire,	486	279	201	57	3	260	7,200 00	61	32	0 72
Norfolk,	779	465	297	203	19	1,373	75,500 00	518	300	0 94
Bristol,	1,538	771	733	259	15	1,376	60,950 00	541	307	0 73
Plymouth,	568	499	74	20	18	895	59,644 80	338	261	0 75
Barnstable,	327	312	14	10	12	213½	21,200 00	193	155	0 76
Dukes County,	19	19			1		200 00			
Nantucket,	114	91	23	9	1	240	15,000 00	54	55	0 83
	14,308	7,889	6,060	3,663	182	18,098½	932,966 55	6,514	3,839	0 79

Counties.	Number of persons in Alms-House unable to labor.	Estimated value of labor by paupers in Alms-House.	Number of persons aided *out* of Alms-House.	Average weekly cost of paupers out of Alms-House.	Number of Insane relieved or supported.	Number of Idiots relieved or supported.	Paupers by reason of insanity or idiocy.	Proportion of paupers probably made so by intemperance.	Net amount of expense of supporting paupers, including interest on Alms-House.	Amount received from the Commonwealth towards the support of State Paupers.
Suffolk,	1,099	$2,840 00	2,286	$0 59	23	17	40	1,700	$45,602 64	$16,057 38
Essex,	301	3,282 00	1,205	51	110	49	112	1,157	49,859 94	4,634 19
Middlesex,	628	4,018 80	854	1 01	88	63	107	1,517	50,811 60	10,151 20
Worcester,	232	2,954 00	586	75	86	52	134	339	31,903 66	1,538 80
Hampshire,	37	112 50	187	78	21	9	20	88	8,223 37	744 71
Hampden,	141	600 00	210	74	19	15	26	234	9,413 50	1,922 65
Franklin,	9	130 00	247	85	27	18	37	72	8,967 65	564 89
Berkshire,	11	50 00	402	84	29	24	42	118	11,930 70	2,904 59
Norfolk,	207	2,347 00	245	81	42	30	61	362	21,559 04	2,169 69
Bristol,	184	2,017 84	1,003	76	37	42	62	901	22,310 60	3,564 29
Plymouth,	173	1,403 00	237	55	46	24	67	190	16,488 54	815 06
Barnstable,	76	618 00	134	75	32	16	33	41	11,395 99	150 16
Dukes Co.,			18	1 60	5	1	5	1	1,600 00	
Nantucket,	35	600 00	60	87	3	3	3	30	9,000 00	379 11
	3,133	20,973 14	7,679	0 92	568	363	758	6,750	299,367 23	45,006 61

V. RHODE ISLAND.

GOVERNMENT

For the Year ending the 1st Tuesday in May, 1846.

			Salary.
CHARLES JACKSON,	of Providence,	*Governor*,	$400
Byron Diman,	of Bristol,	*Lieutenant Governor*,	200
Henry Bowen,	of Providence,	*Sec. of State*,	$750 and fees.
Stephen Cahoone,	of Newport,	*General Treasurer*,	500
Joseph M. Blake,	of Bristol,	*Attorney General*,	Fees.

These officers, and the Senators and Representatives, are elected annually, on the 1st Wednesday of April, for the year commencing 1st Tuesday of May. The Senate consists of the Governor, Lieutenant Governor, and one Senator from each of the thirty-one towns in the State. The House of Representatives consists of 69 members.

The qualifications of electors are as follows: Every male *native* citizen of the United States, who has resided in the State two years, and in the town where he votes six months, whose name was registered at the town clerk's office on or before the last day of December next preceding, and who had, on or before said day, and within and for the year preceding, paid a tax of one dollar, or had done military duty at least one day within the preceding year, shall be entitled to vote; likewise, every male citizen (naturalized foreigner) of the United States, who, in addition to the residence above mentioned, possesses real estate in the town or city worth $134 over all incumbrances, or which rents for $7 *per annum*.

JUDICIARY.

Supreme Court.

			Salary.
Job Durfee,	of Tiverton,	*Chief Justice*,	Entries and $650
Levi Haile,	of Warren,	*Associate Justice*,	do. 550
William R. Staples,	of Providence,	*do.*	do. 550
George A. Brayton,	of Warwick,	*do.*	do. 550

The Judges of the Supreme Court hold their offices until they are removed by a resolution passed by both Houses of the Assembly, and voted for by a majority of the members elected to each House. The Court of Common Pleas in each of the five counties consists of a Justice of the Supreme Court, who sits as Chief Justice, and two Associate Justices, who are elected for each county. The Justice of the Supreme Court, who sits in the Common Pleas, does not sit in the Supreme Court on appeals from his own decisions. The Associate Judges of the Common Pleas, Sheriffs, Clerks, &c., are elected annually by the Legislature.

Table showing the amount paid by the several towns for the support of schools, and their total expenses for all town purposes whatsoever. Prepared by Henry Barnard, Esq.

Towns.	Population in 1840.	Amount realized for support of public schools from			Total for town expenses.	
		Town tax.	Registry tax.	From State.	Paid in 1843-4.	Voted for 1844-5.
Newport County.						
Newport,	8,333	1,000 00	231 86	1,766 59	14,821 28	9,500 00
Portsmouth,	1,706		66 60	374 42	1,000 00	500 00
Middletown,	891		43 49	198 39	496 60	500 00
Tiverton,	3,183	500 00	124 80	804 43	2,000 00	
Little Compton,	1,327		15 64	323 21	500 00	500 00
Jamestown,	365		16 00	66 33	425 33	300 00
New Shoreham,	1,069		16 42	299 82	300 00	550 00
Total,		1,500 00	514 21			
Bristol County.						
Bristol,	3,490	850 00	30 00	818 57	3,500 00	3,500 00
Warren,	2,437	350 00	46 75	457 89	3,500 00	3,100 00
Barrington,	549		30 00	126 56		
Total,		1,200 00	106 75			
Providence County.						
Providence,	23,171	17,000 00	920 96	5,057 42	74,173 16	81,196 04
North Providence,	4,207	1,000 00	162 64	982 82	3,500 00	3,500 00
Cumberland,	5,225	1,000 00	168 09	1,168 09		
Smithfield,	9,534	1,000 00		2,175 23		
Burrillville,	1,982	420 50		469 06		
Gloucester,	2,304	1,082 60	73 00	551 18	1,031 49	1,450 00
Foster,	2,181			624 53		
Scituate,	4,090	500 00	200 00	963 10	2,100 00	2,100 00
Johnston,	2,477	400 00	127 00	589 95	3,092 00	6,600 00
Cranston,	2,902	700 00	177 50	681 26	2,750 00	2,500 00
Total,		23,103 10	1,829 19			
Kent County.						
Warwick,	6,726	500 00	184 19	1,556 36		
East Greenwich,	1,509		48 00	330 44	154 38	800 00
West Greenwich,	1,415			336 35		
Coventry,	3,433		85 00	817 81	2,425 25	1,500 00
Total,		500 00	317 19			
Washington County.						
Westerly,	1,912		58 95	453 95	776 13	700 00
Charlestown,	823		39 00	250 94	546 41	500 00
South Kingston,	3,717	300 00	100 00	964 32	1,200 00	1,300 00
North Kingston,	2,909		205 00	666 81	835 05	549 00
Richmond,	1,361			340 76		
Exeter,	1,776		50 00	446 73	578 17	300 00
Hopkinton,	1,726		69 62	422 42	1,200 00	600 00
Total,		300 00	522 57	25,095 74		

The permanent school fund, invested in bank stock, now amounts to upwards of $50,000. The sum of $25,000 per annum is paid from the State treasury to the several towns for the support of public schools.

During the past year, Henry Barnard, Esq. has been actively employed, under the direction of the Legislature, in examining the public schools, diffusing information, and endeavoring to improve their condition. In June 1845, the Legislature passed an act, prepared by Mr. Barnard, con

densing and revising the former school laws, providing for a superintendent of schools, requiring the towns to raise money by taxation for the support of schools in addition to what they receive from the State, and making other important improvements on the old system.

State Prison. — The average number of convicts in the State Prison during the year 1844 was 22; 9 were received, 9 discharged, 1 was pardoned, 1 escaped, and 2 have died, leaving 18 in prison at the close of the year. There were, also, on an average, 26 persons confined in the County Jail during the year at the expense of the State. It was estimated, that the labor of the convicts during the year paid the expenses of the prison, and increased the property on hand between $1,000 and $1,500.

The prison was built, and managed at first on the Philadelphia plan of strictly solitary confinement. But by a law passed in January, 1843, the prisoners were brought out of their cells to labor together in a workshop, were permitted to receive communications from their friends under proper restrictions, to assemble together on the Sabbath for religious exercises, and the general features of the Auburn, or silent, system were adopted. The change was recommended by the Warden, "after a careful observation, extending through a period of more than four years, of the injurious and alarming effects of solitary imprisonment upon the mental and physical condition of those who were the subjects of it.

"Of the *forty* prisoners, committed while the strictly solitary system was in operation, ten, or one fourth of the whole number, (two of whom were blacks,) manifested decided symptoms of derangement; seven so much so as to unfit them for labor for a longer or shorter period, and five were discharged insane, two of whom recovered, and three now remain unrestored to a sound state of mind.

"Of the *nineteen* committed since the system was abandoned, three only, two whites and a black, have shown symptoms of derangement. One of them is No. 20, whose case has been described, who was recommitted in about twelve months after his discharge, and who relapsed into his former condition about the fourth month of confinement. One other, a black, was so much deranged as to disqualify him for labor, his health at the same time being much impaired, though good when committed. He died of dropsy in the chest in the tenth month of his imprisonment, and in the sixth week of his being so far deranged as to unfit him for labor. The third is in tolerably good health, and is not disqualified for work, though laboring under constant anxiety, depicted in his countenance, from the hallucination that he is visited by tempters, whispering in his ear the suggestion to commit some criminal act. He showed symptoms of derangement about the sixth month of confinement.

"Without dwelling on the greater expensiveness of the solitary plan,

its effects on general health, its failure to deter from crime, (according to the promise held out,) and various other objections, I would remark, that the advantage claimed for it, of greater calmness of demeanor and easier submission to the rules of the place, on the part of the solitary prisoner, has not been realized here. On the contrary, solitude has been found to produce restless irritability, and a peevishness of disposition, impatient of the unnatural restraint imposed on the reluctant body and mind, difficult to be dealt with; while, in the performance of social labor, in silence, the men have been better subject to control, and have required less frequent exertions of authority than before.

"In the year preceding the discontinuance of solitary imprisonment, there was an average loss from sickness, of twenty-five per cent. upon the labor of the convicts. During the past year, under the system of social labor, the loss, from the same cause, has been about six per cent. The necessity and amount of punishments for disobedience and violations of rules, have diminished in about the same proportion. It should be added, however, that corporal punishment has been introduced under the new system, and no doubt has operated to deter from offences, although it has been administered to two prisoners only, in extreme cases.

"Another supposed advantage of the solitary plan, that of affording secresy and seclusion to the prisoner, so that he may go forth into the world again without being recognized, and perhaps threatened or tempted by his associates, is, in practice, wholly illusory. For no man passes into prison without an open trial, and the knowledge of friends and enemies; and no man can expect to pass out again without being remembered. A hope of concealing the imprisonment, as the basis of reformation and a new character, is almost sure to be defeated." — *State Prison Rep. for* 1844.

FINANCES,

For the Year ending April 30, 1845.

Receipts.		*Expenditures.*	
Balance in May, 1844,	$615 90	Salaries,	$4,345 00
From Town Councils,	3,428 00	Senators,	1,571 00
Fines, &c.,	1,410 00	Representatives,	3,262 00
Militia tax,	3,243 00	Courts,	11,125 00
Pedlers,	3,575 00	Militia,	1,557 00
Bank Tax,	25,175 00	Governor's orders,	1,154 00
Interest on Deposit Fund,	11,577 00	Accounts allowed,	19,528 00
Int. on School Fund Stock,	2,482 00	Interest on loans,	852 00
Pawtucket Turnpike,	2,400 00	Miscellaneous,	238 00
Miscellaneous,	2,841 00	Superintendent of Schools,	875 00
Tax on insurance,	1,125 00	Public Schools,	25,589 00
Increased capital of banks,	1,459 00	State Prison,	7,359 00
Money hired,	25,000 00	Balance in May, 1845,	2,419 00
	89,879 00		89,879 00

VI. CONNECTICUT.

GOVERNMENT

For the Year ending on the 1st Wednesday in May, 1846.

			Salary.
ROGER S. BALDWIN,	of New Haven,	*Governor*,	$1,100
Reuben Booth,	of Danbury,	*Lieut. Gov. and Pres. Senate*,	300
Joseph B. Gilbert,	of Hartford,	*Treasurer*,	1,000
Daniel P. Tyler,	of Windham,	*Secretary*,	$84 and fees.
Abijah Carrington,	of Milford,	*Comptroller*,	1,000
Seth P. Beers,	of Litchfield,	*Commiss'r of the School Fund*,	1,250
Eliphalet A. Bulkley,	of E. Haddam,	*Assistant Commiss'r of do.*	1,000
James H. Holcomb,		*Clerk of the House.*	
Nelson L. White,		*Clerk of the Senate.*	

JUDICIARY.

Supreme and Superior Court.

Thomas S. Williams,	of Hartford,	*Chief Justice*,	$1,300
Samuel Church,	of Salisbury,	*Associate Justice*,	1,250
Henry M. Waite,	of Lyme,	*do.*	1,250
William L. Storrs,	of Middletown,	*do.*	1,250
Joel Hinman,	of Waterbury,	*do.*	1,250
Thomas Day,	of Hartford,	*Reporter*,	350

A term of the Superior Court is held by one judge twice annually, in each county of the State, and the Supreme Court, constituted of the five judges, meets annually in each county. The judges of this Court hold their offices until seventy years of age.

County Court. — A County Court is held by one judge three times each year, in the several counties. The judges of this Court are appointed annually by the Legislature.

Counties.	Judges.	Residence.	Attorneys.	Residence.
Hartford,	Francis Parsons,	Hartford,	Thomas C. Perkins,	Hartford,
New Haven,	Joseph Wood,	New Haven,	Dennis Kimberly,	New Haven,
New London,	Chas. J. McCurdy,	Stonington,	John T. Wait,	Norwich,
Fairfield,	Thos. B. Osborn,	Danbury,	Henry Dutton,	Danbury,
Windham,	Calvin Hibbard,	Ashford,	J. A. Welch,	Windham,
Litchfield,	Abijah Catlin,	Canaan,	D. C. Sanford,	New Milford,
Middlesex,	Eliph. A. Bulkley,	E. Haddam,	Charles C. Tyler,	Saybrook,
Tolland,	Hiram Rider,	Ellington,	Loren P. Waldo,	Tolland,

The Superior and County Courts have civil, criminal, and equity jurisdiction, and, to a large extent, concurrent and original jurisdiction. In all civil actions where the damages, or matter in dispute, exceed $35, the County Court has jurisdiction, and the Superior in all cases where the damages, or matter in dispute, exceed $70. The County Court has exclusive jurisdiction of breaches of the peace, not cognizable by justices, and concurrent jurisdiction with the Superior Court in all other criminal cases, except where the punishment is death, or imprisonment for life, in which latter cases, the Superior Court has exclusive jurisdiction. In civil cases, appeals lie in all cases from the County to the Superior Court, where the matter in dispute exceeds the sum of $70.

FINANCES FOR 1844–45.

The State owes no debt, and has, beside the School Fund, productive bank stock amounting to $400,400.

Principal Receipts.		*Principal Expenditures.*	
Balance on hand, April 1, 1844,	$32,431.91	General Assembly,	17,641 56
State tax,	40,130 12	Salaries of Officers,	11,434 00
Dividend on Bank Stock,	27,837 50	Contingent expenses,	8,191 40
Tax on stock of non-residents,	3,156 79	Abatement of Taxes, &c.,	7,071 25
State Prison,	10,000 00	Judicial expenses,	31,776 29
Miscellaneous,	3,175 43	Public buildings,	12,572 90
		Miscellaneous,	2,743 96
		Bal. on hand Apr. 1, 1845,	25,300 89

View of the different Branches of the School Fund, in 1825, 1831, *and* 1844.

	In 1825.	In 1831.	In 1844.
In Bonds and Mortgages,	$1,432,299.40	$1,423,716.42	$1,695,407.44
Bank Stock,	77,600.00	99,950.00	221,700.00
Cultiv'd lands and buildings,	167,020.19	196,595.90	78,367.00
Wild lands,	18,199.38	164,144.60	52,493.75
Stock in Massachusetts,	2,159.59	1,320.00	210.00
Cash in the Treasury,	22,155.77	17,230.95	3,245.58
Total,	1,719,434.24	1,902,957.87	2,051,423.77

VII. NEW YORK.

GOVERNMENT.

		Salary.
SILAS WRIGHT,	*Governor*, (term expires Jan. 1, 1847,)	$4,000
Addison Gardner,	*Lieut Gov. and Pres. Senate*; pay, $6 a day and mileage.	
Azariah C. Flagg,	*Comptroller*,	2,500
Nath'l S. Benton,	*Sec. State and Superint. Common Schools*,	2,500
Philip Phelps,	*Deputy Comptroller*,	1,500
Benjamin Enos,	*Treasurer*,	1,500
John F. Bacon,	*Deputy Treasurer*,	1,300
John Van Buren,	*Attorney General*,	1,000
Hugh Halsey,	*Surveyor General*,	1,000
Henry Storms,	*Commissary General.*	
Jonas Earll, Jr.	of Syracuse, *Act. Canal Commis.* (*Pres't*,)	1,600
Nathaniel Jones,	of Albany, *do.* *do.*	1,600
Stephen Clark,	of Moscow, *do.* *do.*	1,600
Daniel P. Bissell,	of Moscow, *Non-act.* *do.* *do.*	

Legislature. — The *Senate* consists of 32 members, who are elected for 4 years, 8 being chosen annually. Pay, $3 a day, and $3 for every 20 miles of travel. There are eighteen Senatorial Districts, each electing four Senators for a term of four years, one being chosen every year.

The *House of Assembly* consists of 128 members. Pay, the same as in the Senate.

Horatio Seymour,	of Utica,	*Speaker of the Assembly.*
James R. Rose,	of Albany,	*Clerk of the Assembly.*

JUDICIARY.

1. *Court for the Trial of Impeachments and the Correction of Errors.*

This is a Court of dernier resort upon appeals from the Chancellor and Writs of Error from the higher court; it has no original jurisdiction except in cases of Impeachment, It is composed of the Lieut.-Governor, (who is President of the Court,) the Senators, the Chancellor, and the Justices of the Supreme Court. Nineteen members form a quorum for the hearing of arguments, and a majority of that number (ten) may decide a case, although a quorum do not vote. Three terms may be held each year, one of which must be at Albany; the others are usually held

at the city of New York, and some western town. The compensation is the same as for members of the Legislature, mileage being allowed for each term of the Court. The Chancellor and Justices of the Supreme Court are not permitted to vote in the reviewal of the decisions of their respective Courts. The court is at present (1845,) constituted as follows:

Addison Gardiner, *Lieutenant Governor and President.*

1st District.

Isaac L. Varian,
John A. Lott,
David R. F. Jones,
George Folsom.

2d District.

Abraham Bockee,
Abraham Deyo,
Joshua B. Smith,
Robert Denniston.

3d District.

Erastus Corning,
John C. Wright,
Steph. C. Johnson,
John P. Beekman.

4th District.

Edmund Varney,
Tho's B. Mitchell,
Orville Clark,
Augustus C. Hand.

5th District.

Geo. C. Sherman,
Carlos P. Scovil,
Thomas Barlow,
Enoch B. Talcott.

6th District.

James Faulkner,
C. T. Chamberlain,
Clark Burnham,
Geo. D. Beers.

7th District.

William Bartlit,
John Porter,
Albert Lester,
H. J. Sedgwick.

8th District.

Gideon Hard,
Harvey Putnam,
Fred. F Backus,
Carlos Emmons.

Chancellor.

R. H. Walworth.

Justices of S. Court.

Greene C. Bronson,
Samuel Beardsley,
Freeborn G. Jewett.

Isaac R. Elwood, *Clerk.* Charles Bryan, *Sergeant at Arms.*

2. *Court of Chancery.*

			Salary.
Reuben H. Walworth,	of Saratoga Springs,	*Chancellor*,	$3,000
John M. Davison,	of Albany,	*Register*,	2,500
	[and $2,500 for clerk hire and office expenses.		
Hiram Walworth,	of New York,	*Assistant Register*,	3,000
	[and $5,000 for clerk hire and office expenses.		
Alonzo C. Paige,	of Schenectady,	*Reporter*,	500

Vice-Chancellor's Courts.

				Salary.
Wm. T. McCoun,	of N. York,	1st Circuit,	*Vice-Chan.* Fees and	$2,000
Lewis H. Sanford,	do.	1st Circuit,	*Assistant Vice-Chan.*	2,500
F. Whittlesey,	of Rochester,	8th Circuit,	*Vice-Chancellor*,	1,600

[The Circuit Judges in the other Circuits are Vice-Chancellors for their respective Circuits.]

3. *Supreme Court.*

			Salary.
Greene C. Bronson,	of Albany,	*Chief Justice*,	$3,000
Samuel Beardsley,	of Utica,	*Associate Justice*,	3,000
Freeborn G. Jewett,	of Skeneateles,	*do.*	3,000
Hiram Denis,	of Utica,	*Reporter*,	500

Four law terms are held each year. Except in extraordinary cases, (as in the trial of McLeod, the Canada *patriot*,) this Court holds no *nisi prius* terms for Jury trials. These are held by the Circuit Judges for the trial of questions of fact arising in the Supreme Court.

4. *Circuit Courts*, which are also *Courts of Oyer and Terminer, and General Gaol Delivery.* — There are eight Circuit Courts, and the circuits correspond, in territory and name, to the eight senate districts. There are two terms annually for each County, except in New York and Kings County, where the terms are more numerous.

Judges.	Circuits.	Residence.	Salary.
John W. Edmonds,	1st Circuit,	New York,	$1,600
Charles H. Ruggles,	2d "	Poughkeepsie,	1,600
Amasa J. Parker,	3d "	Delhi,	1,600
John Willard,	4th "	Saratoga Springs,	1,600
Philo Gridley,	5th "	Hamilton,	1,600
Vacancy.	6th "		
Bowen Whiting,	7th "	Geneva,	1,600
Nathan Dayton,	8th "	Lockport,	1,600

5. *Superior Court of the City of New York.*

		Salary.
Samuel Jones,	*Chief Justice*,	$2,500
Thomas J. Oakley,	*Associate Justice*,	2,500
Aaron Vanderpoel,	*do.*	2,500
Jesse Oakley,	*Clerk.*	

6. *Courts of Common Pleas.* — Courts of Common Pleas are held in each county, consisting of five judges. The court for the city of New York has a first judge, and two assistant judges.

7. *Surrogates' Courts*, (or Courts of Probate,) of which there is one in each County. Charles McVean, *Surrogate for New York Co.*

A Table showing the amount of Salt inspected annually in the County of Onondaga, from 1826 *to* 1844, *both inclusive, and the amount of duties on the same.*

Date.	No. of bushels	Am't of Duties.	Date.	No. of bushels.	Am't of Duties.
1826	827,508	$103,438.50	1836	1,912,858	$114,771.48
1827	983,410	122,926.25	1837	2,161,287	129,677.22
1828	1,160,888	145,111.00	1838	2,575,032	154,501.92
1829	1,291,280	161,410.00	1839	2,864,718	171,883.08
1830	1,435,446	179,430.75	1840	2,622,305	157,338.30
1831	1,514,037	189,254.38	1841	3,340,769	200,446.14
1832	1,652,985	206,660.62	1842	2,291,903	137,514.18
1833	1,838,646	229,580.75	1843	2,694,859	161,693.54
1834	1,943,252	116,595.12	1844	4,003,554	240,305.00
1835	2,209,867	132,592.02			

Finances.

Debt of the State. — The total Canal Debt, on the 30th of September, 1844, was $20,713,905 58; and the annual interest on this debt was $1,126,397 90. $15,289,819 46 of this debt is at 5 *per cent.* interest; $1,776,790 12 at 6 *per cent.*; and $3,647,136 00 at 7 *per cent.*

There is also the General Fund Debt, amounting to $5,634,507 68, on which the annual interest is $310,535 35. But of this debt, $1,012,488 53 is due to the specific funds of the State, or in other words, is owned by the State itself. The State is liable also for $1,720,000 00 of stock issued on the faith of the State, and loaned to railroad corporations.

The whole sum charged to the General Fund for the support of government during the year ending Sept. 30th, 1844, is	$1,003,753 43
Receipts into the Treasury, in this year, excluding the mill tax, were, ...	580,747 96
Deficit in ordinary receipts to pay expenses,	$423,005 47

The mill tax brought into the Treasury $492,501 05, of which $278,197 56 was paid to the Canal Fund, leaving $214,303 49; this being subtracted from the deficit above mentioned, leaves $208,701 98 as the sum by which the ordinary receipts fall short of the annual expenses of the government. The General Fund Debt was, therefore, increased during the last year to that amount.

The original cost of all the State canals, including the Erie enlargement, was $30,461,303 84, the interest on which, at 6 *per cent.*, would be $1,827,678 23. The whole amount of tolls received during the year ending Sept. 30, 1844, was $2,398,225 60; deducting from this the costs of collection and maintaining the canals, there is left as the net revenue of all the canals during the year, 1,803,768 51; which is very nearly 6 *per cent.* on the original cost. This favorable result is produced mainly by the

revenue of the Erie canal, which yields $2,154,234 79; while all the other canals produce only $243,990 81.

In the following statement, all the receipts and expenditures of the fiscal year for the support of government, the maintenance of the canals, the payment of interest on the General Fund, railroad and canal debts, with the revenues from all sources and applicable to those objects are brought together, in order to present at one view, all the financial operations of the State for the year, viz.:

Revenue.

From all sources, applicable to the support of the government, including half of the mill tax,		$859,747 99
From all the State canals and including half the mill tax,		2,628,615 94
		$3,487,363 93

Expenses.

For support of government, and all charges except payment of temporary loans,	$1,003,753 43	
For maintenance of canals, interest on canal debt, and $200,000 for General Fund, and to make up deficit in Canal Fund,	1,777,788 02	
		2,781,541 45
Surplus of the Canal and General Funds for the year,		$705,822 48

The amount of capital and annual revenue of the several funds appropriated to the purposes of education, are as follows, viz.:

	Capital.	Revenue.
Common School Fund,	$1,992,916.35	$133,826.51
Literature Fund,	268,990.57	18,490.34
United States Deposit Fund,	4,014,520.71	237,304.25
Total,	6,276,427.63	389,621.10

There has also been paid directly from the Treasury, for the purposes of education, in addition to the above revenue, the following sums, viz.:

For the support and instruction of the deaf and dumb,	$21,282 50
do. do. blind,	8,684 09

Common Schools.

[Compiled from the Annual Report of the Superintendent, Jan 15, 1845.]

The State is divided into 10,990 school districts, and reports have been received from 10,857 of these districts. The total number of children between the ages of 5 and 16, residing in the several school districts, exclusive of the city of New York, is returned at 611,548; while the aggregate number of children, of all ages, who have attended school for a longer or shorter period during the year ending January 1, 1844, is reported at 650,199. In the city of New York, 58,957 have attended school for a longer or shorter period during the last year. This swells

the grand aggregate of children under instruction in the schools of the State, for the year reported, to 709,156; an increase of over 50,000 above the number returned the preceding year. The schools were kept, on an average, 8 months in the year.

The number of male teachers in the winter schools is stated at 4,796; of female teachers, 1,611; number of pupils in attendance at the time of visitation, 313,283. In the summer schools, there were 1,060 male, and 5,783 female teachers; number of pupils in attendance at the time of visitation, 187,169. During the winter, the average monthly compensation of male teachers, exclusive of board, has been $14; that of the females, $7. In the summer, the male teachers received, on an average, $13.78 per month, the females, $6.

Of the 9,368 school houses visited, 566 were of brick, 523 of stone, 562 of logs, and 8,340 of framed wood.

The amount of public money expended in all the school districts in the State, during the year reported, was $544,656 06; and the amount contributed by the people in these districts was $447,565 97; making in all $992,222 03 expended in the payment of teachers' wages, and $94,950 54 for the purchase of books for school libraries. The number of volumes in the several district libraries is 1,038,396.

Statistics of Pauperism in New York.

[From the Secretary of State's Report, March 14, 1845, transmitting Abstracts of the Returns of the Superintendents of the Poor for 1844.]

The whole number of paupers relieved or supported during the year 1844, exclusive of the city and county of Albany, was 97,961. Of the whole number thus relieved or supported, the number of county paupers was 90,744, and the number of town paupers was 7,217. The number of persons temporarily relieved was 77,786, and included in the whole number relieved or supported first above given. The whole number relieved or supported during the year 1843, including the city and county of Albany, was 82,754. Excess in 1844, exclusive of Albany, 15,207.

The aggregate expense of relieving and supporting the above number of paupers, exclusive of the city and county of Albany, was $569,017 89½. The total expense in 1843, including Albany, was $592,353 29½.

The aggregate sum above mentioned, is composed of the following items of expenditure, viz.:—

1st. *Poor-House Expenses.*

Paid to superintendents, in the several counties,	$16,062 74
to keepers and poor-house officers,	37,062 30
to constables, and other officers,	2,178 17
for supplies for the county poor-houses,	237,311 67
for transportation of paupers,	7,782 66
to physicians,	13,105 55
for miscellaneous expenditures connected with county poor-houses,	35,837 79
Total amount of expenses connected with county poor-houses,	$349,339 88

2d. *Expenses of administering temporary relief.*

Paid to overseers of the poor in the several counties,	$17,250 97
to justices of the peace,	7,891 81

Paid for relieving indigent persons temporarily,	194,535 23
Total amount expended for temporary relief,	$219,678 01
Number received into the several poor-houses in 1844, was	15,416
" born in " " "	419
" died " " "	1,286
" bound out " " "	524
" discharged from " " "	10,332
" absconded " " "	1,290
" of persons in the several poor-houses Dec. 1, 1844,	7,549

Of the persons in the poor-houses on the 1st Dec., 1844, there were 2,775 foreigners, 767 lunatics, 274 idiots, and 60 mutes.

Of the persons relieved or supported in the several poor-houses in 1844, there were 8,905 foreigners, 770 lunatics, 307 idiots, and 60 mutes.

The number of females under 16 years of age in the poor-houses on the 1st Dec., 1844, was 953, males 1,032, total of both sexes, 1,985. Number instructed during the year, 1844, was 2,581, and the average number of months taught was 8½.

The whole number of paupers relieved or supported in the city and county of New York, in 1844, as reported by the superintendent, was 58,171; which exceeds by 20,347 that of 1843. The expenses for the support in 1844 were $205,144 01; the expenses in 1843 were $192,909 14; excess in 1844, $12,234 87. In several of the counties, the number of paupers relieved in 1844 is less than in 1843.

The number of paupers natives of the United States was	14,435
" " " Ireland,	7,279
" " " England,	1,573
" " " Scotland,	193
" " " Germany,	751
" " " France,	275
Paupers coming from Canada,	350
" " other foreign countries,	54
Colored persons,	510
Number reported without giving native country,	794
Total,	26,114

The above number of persons were reduced to pauperism from the following causes: —

By direct intemperance,	4,385	
Children by intemperance of parents,	1,728	
Females by intemperance of husbands,	172	
Total intemperance,		6,285
Debauchery,	529	
Children by debauchery of parents,	178	
Total debauchery,		707

Idleness,	376	Mutes,	41
Vagrancy,	118	Orphans, (including half orphans in New York,)	359
Idiocy,	405	Children abandoned by parents,	128
Lunacy,	863	Females abandoned by husbands,	61
Blindness,	254	Illegitimate children,	95
Lameness,	1,202	Cause not given,	3,085
Sickness,	4,406		
Decrepitude,	223	Total,	26,114
Old age,	790		
Destitution, misfortune, &c..	6,716		

Statistics of the Railroads of the State of New York for 1844.

[From the Annual Report of the Secretary of State, March 3, 1845.]

Names.	No. of miles of road in operation.	Cost of construction.	Expenses for repairing and running the road.	No. of through passengers.	No. of way passengers.	Total income from passengers.
Mohawk and Hudson,	17	$1,317,892 51	$34,040 69	132,685	none.	$66,293 81
Utica and Schenectady,	78	2,168,665 00	132,838 41	101,215	60,634	306,278 75
Syracuse and Utica,	53	1,151,575 98	71,068 81	82,038	39,708	181,647 34
Auburn and Syracuse,	26	766,656 60	44,193 76	80,538	9,716	80,653 17
Auburn and Rochester,	78	1,796,342 49	85,660 12	50,512	70,857	215,246 95
Tonawanda,	43	727,331 87	38,311 93	52,962	26,570	92,639 00
Attica and Buffalo,	31	336,211 37	25,215 10	64,646	9,303	64,339 97
Saratoga and Schenectady,	22	303,658 06	26,209 03	14,541	23,424	28,067 65
Schenectady and Troy,	20½	640,799 60	33,560 81	60,677	5,409	31,067 25
Rensselaer and Saratoga,	25	475,801 10	29,530 89	19,871	18,698	23,638 61
Long Island,	96	1,610,221 00	94,460 47	.....	.....	143,300 99
New York and Erie,	53	4,762,434 77	66,945 00	11,976	68,044	46,178 84
New York and Harlem,	27	1,204,846 00	78,286 11	.....	.....	138,190 04
Albany and W. Stockbridge,	38½	1,768,687 95	15,431 68	.....	.....	.....
Hudson and Berkshire,	31	675,613 00	24,000 00	3,035	14,367	9,088 00
	638½	19,606,737 30	799,752 81			1,426,530 33

Names.	Income from freight and other sources.	Dividends.	No. of locomotives.	No. of passen. cars.	No. of freight cars.	No. of mail and other cars.	No. of mach'e shops.	No. of horses.	Ave. No. of men employed by Co.	No. of miles run by passenger trains.	No. of miles run by freight and other trains.
Mo. & Hud.	$150,878 51	none.	6	..	68	34	1	8	93	34,112	27,400
Ut'a & Sch.	78,112 84	$160,000 00	12	41	70	..	1	3	120	126,573	38,333
Syr. & Ut'a,	12,884 98	80,000 00	9	..	27	..	1	..	85	87,000	20,000
Aub. & Syr.	16,184 71	31,547 00	3	..	18	..	..	..	45	41,548	7,858
Au. & Roch.	22,420 43	105,000 00	10	..	17	..	2	4	136	128,696	30,407
Tonaw'nda,	21,538 22	23,333 33	5	12	52	3	1	4	84	49,880	8,200
Att'a & Buff.	8,908 17	.....	..	..	..	..	..	..	..	39,296	7,559
Sar. & Sch.	7,080 09	.....	3	6	10	..	1	4	24	33,166	.....
Sch. & Troy,	1,795 34	none.	3	7	19	24	1	0	27	42,245	.....
Ren. & Sar.	18,293 03	10,500 00	2	15	20	..	0	8	29	20,090	8,500
Long Island,	10,154 84	none.	11	22	63	10	2	12	100	89,856	28,404
N.Y. & Erie,	79,841 60	none.	5	6	25	4	1	00	112	57,302	41,690
N.Y. & Har.	2,494 86	none.	7	34	5	..	1	137	150	123,616	no acc.
Al. & W. St.	.....	.....	00	00	00	00	1	00	00	54,838	76,780
Hud. & Ber.	25,941 00	none.	4	4	36	..	1	4	33	34,180	.....
	457,128 62									962,398	295,131

The Buffalo and Black Rock, Cayuga and Susquehanna, Buffalo and Niagara Falls, Lewiston, and Lockport and Niagara Railroad Companies have made no report.

The first seven roads in the table form the continuous line in the order in which they are placed, from the Hudson to Lake Erie. The average cost per mile of the whole number of roads is $30,700.

The Mohawk and Hudson Railroad Company have an undivided interest with the Utica and Schenectady, Syracuse and Utica, Auburn and Syracuse, and Auburn and Rochester Railroad Companies in 100 passenger cars, and 28 mail and baggage cars.

Statistics of Crime in New York.

State Prisons at Sing Sing and Auburn.

	Sing Sing.	Auburn.
Earnings of the convicts in 1844,	$57,481 10	$56,082 68
Ordinary expenditures of the prison,	$64,215 08	$53,766 20
Number of prisoners at beginning of the year,	839	771
" " " received in 1844,	*310	261
" discharged in 1844 by expiration of term,	179	172
" " " " by pardon,	42	†43
" died,	16	8
" remaining at the end of the year,	935	778
Average cost of supporting one convict per day,	cts. 18⅔	cts. 19½
Number of insane convicts,	31	
" who cannot read or write,	115	164
" imprisoned for the first time,	515	589
" who had been in prison or jail before,	346	189
" who have families,	404	298
" colored persons,	209	62
" under 20 years of age,	‡246	83

The number of foreigners at Sing Sing is 234; of natives, 627.

The following particulars relate only to the convicts at Sing Sing, the Auburn report giving no corresponding statistics.

443, or one half the crimes, are committed by foreigners and black people.

504, or more than one half, are addicted to habits of intemperance; and 207, or nearly one quarter of the whole number of crimes, owe their origin directly and immediately to that cause.

The age of 20 years is the most fruitful of crimes; one eighth of the crimes are committed under the age of 17; one twelfth after 40.

The large cities, such as New York, Brooklyn, Albany, Troy, Newburgh, Poughkeepsie, Hudson, and Schenectady, are most productive of crime, the counties in which those places are having produced 704 out of 861, or nearly seven eighths of the whole number.

Cause of committing the Crime for which they are now in Prison.

Want of protection,	16	Evil associations,	253
Destitution,	112	Sudden temptations,	40
Intemperance,	192	Anger,	11
" of wife,	6	Refuse to answer,	7
" of parent,	9	Do not know,	2
No conscience,	1	For gain,	3
Innate depravity,	26	Self defence,	2
Insanity,	7	Jealousy,	1
Imbecility of mind,	7	Deny their guilt,	149
Weak principles,	17		

* 30 more were received from Auburn. † 30 convicts were removed to Sing Sing.

‡ When they committed their first offence.

Prison at Blackwell's Island.— The whole number of male prisoners in March, 1845, was 500; of females, 472.

Of the above number of male prisoners, 90 are colored, and 410 white.

Of the whites, 225 were committed as vagrants, for terms varying from 1 to 6 months; and the remaining 185 are from Court, for various petty offences, and for various periods of time.

Of the 90 colored male prisoners, 65 are here as vagrants, and the remaining 25 are Court convicts.

Of the whole number of females, 438 are white, and 34 colored.

Of the latter, 18 are vagrants, and 16 convicts from Court.

Of the whites, 420 are vagrants and 18 convicts.

The causes of vagrancy, generally, are drink and licentiousness. The females generally come from the country, or are foreigners—and three out of four are prostitutes—and six out of ten are diseased.

Judge Edmunds, of New York, in the course of a charge to the Grand Jury, said that Sing Sing contained 415 males and 31 females from the city; the city prison 108 males and 35 females; Blackwell's Island 592 males and 564 females; making a total of persons confined in prison for crimes committed in New York city, of 1,755.

Mr. Justice Taylor, of the upper police in the city of New York, gives a statement of the number of persons brought before him for various offences between the 6th of February and the 6th of August, 1845, from which the following particulars are taken. It should be remembered, that the statement includes only the complaints made before one special justice, and that the Mayor entertains a great number of complaints, and all the seventeen Aldermen act as magistrates in their respective wards. 1,492 persons were brought before him during these six months, of whom there were

	Males.	Females.
Born in the United States, (white and black,)	352	102
" " Ireland,	565	279
" " Germany,	100	18
" " England and Scotland,	36	13
" " other foreign countries,	20	7
Total,	1,073	419

Nature of Complaint.

Murder,	2	Counterfeit money,	6	Intox'n & disorder,	681
Rape,	2	Petit Larceny,	77	Violat. city ordin's,	70
Murderous assault,	7	Assault & battery,	255	For bast. children,	29
Burglary,	15	Breach of the peace,	107	For insanity,	58
Grand Larceny,	18	Vagrancy,	140	Other offences,	25

Of the 255 assaults and batteries, 98 were perpetrated by citizens of the United States, (28 of which were by blacks.) Of the remaining 157 complaints, 102 are against Irish and 39 against Germans. Of the 681 complaints for intoxication and disorderly conduct, 93 are against white citizens of the United States, and 31 against black citizens. The remaining 557 are principally against the Irish and Germans, the former of whom take up 480 and the latter 48.

Statement of Convictions, Acquittals, &c., in the Courts of Oyer and Terminer, General and Special Sessions, in the year 1844.

In the Court of General Sessions, 358 persons were convicted, and 100 acquitted.

In the Court of Special Sessions, there were

	Convicted.	Acquitted.
For Petit Larceny,	896	148
For Assault and battery,	551	86

The whole number of trials was 2,097; of persons tried, 2,146; of prisoners discharged, 936.

Sentenced to State Prison by Court of Oyer and Terminer,	Men, 1	Women, ..
" " " " by Court of General Sessions,	116	10
Aggregate amount of time of sentences, 564 years, 4 months.		
Sentenced to Penitentiary, in Oyer and Terminer and General Sessions,	66	2
" to City Prison by General Sessions,	19	4
" to House of Refuge,	Boys, 11	Girls, ..
" to Penitentiary by Special Sessions,	Men, 615	Women, 117
" to City Prison,	258	68
" to House of Refuge,	Boys, 49	Girls, 7
Number of indictments by the Grand Jury,		807
" " complaints dismissed by do.,		213
" " indictments discharged by nol pros. and settlement,		157
" " complaints settled before indictment,		17
" " recognizances to answer returned,		2076
" " recognizances ordered to be prosecuted,		56

In 1842, J. R. Whiting, Esq., then District Attorney for the city and county of New York, made an elaborate report to the Common Council, showing the state of crime from 1830 to 1841, both inclusive. The following tables present all the important information included in the report. The population of the city in 1830 was 203,007; in 1835, 270,089; and in 1840, 312,710. It will be seen, then, by the tables, that there was in 1830, one conviction for every 321 inhabitants; in 1835, one for every 441; and in 1840, one for every 345.

Oyer & Terminer and General Sessions.						General and Special Sessions.						
Year.	Indictments.	Trials.	Recognizances to answer.	Discharged by Grand Jury.	Complaints returned.	Cases in General Sessions.	Trials in General Sessions.	Trials in Special Sessions.	Convictions in General Sessions.	Convictions in Special Sessions.	Total of Trials.	Total of Convictions.
1830	872	537	2,354	355	1,755	3,022	537	564	266	365	1,101	631
1831	1,006	624	2,536	370	1,930	3,906	624	584	351	343	1,208	694
1832	704	436	2,622	221	2,295	3,223	436	616	297	382	1,052	679
1833	839	526	2,987	301	2,446	3,586	526	668	270	339	1,194	609
1834	716	393	2,988	230	2,462	3,408	393	719	223	404	1,112	627
1835	642	354	3,580	147	3,001	3,790	354	650	218	394	1,004	612
1836	670	302	3,790	183	3,412	4,265	303	573	240	341	875	581
1837	801	387	3,476	207	2,996	4,004	387	553	260	340	940	600
1838	767	401	3,708	374	2,780	3,921	401	434	259	361	835	520
1839	1,008	386	3,367	503	2,203	3,714	386	614	220	349	1,000	569
1840	1,059	480	2,453	534	1,238	2,651	480	839	227	526	1,319	753
1841	871	468	2,179	312	869	2,052	468	1,004	239	666	1,472	905

Convictions in Gen'l Sess'ns.	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841
Murder,	....	....	....	....	....	1	1	....	....	2	....	1
Arson, (not capital)	....	....	....	1	....	....	1	....	....	1	1	1
Burglary,	38	21	30	15	39	24	23	45	23	22	34	28
Manslaughter,	4	2	....	3	3	1	4	5	2	4	3	8
Forgery,	11	19	18	9	14	8	6	11	6	12	9	4
Bigamy,	5	1	....	2	2	1	....	....	3	4	2	2
Robbery,	1	8	1	4	3	1	6	4	2	2	6	4
Assault & bat. intent to kill,	5	6	2	3	3	1	6	2	6	5	3	2
Grand Larceny, 2d offence.	71	88	90	85	52	78	103	70	71	73	68	99
Petit Larceny, 2d offence,	5	57	29	8	3	5	1	1	2	3	3	57
Petit Larceny,	145	88	88	105	74	66	55	86	112	90	63	4
Receiving stolen goods,	13	8	10	10	10	4	1	7	9	6	3	10
Obtain. goods by false pret.	3	7	6	4	5	6	1	13	3	2	6	4
Attempt at Felonies,	....	12	2	3	4	1	7	2	4	4	2	7
Kidnapping,	....	1	....	....	....	....	....	....	....	....	....	....
Cruelty to animals,	....	1	....	....	....	....	....	....	....	....	....	....
Nuisances,	....	1	1	3	....	....	....	....	....	....	2	13
Disorderly Houses,	11	29	7	6	4	8	2	5	....	1	4	....
Assault and battery,	90	111	74	187	72	96	75	70	80	54	104	110
Riot,	14	16	4	8	11	9	12	40	1	....	8	96
Selling Liquor unlicensed,	5	1	2	....	....	....	....	....	2	1	....	1
Misdemeanor,	....	2	7	10	6	10	3	3	4	4	2	3
Rape, attempt to commit,	1	....	....	1	....	1	....	....	....	1	1	4
Breaking Prison,	8	....	....	....	....	1	....	....	....	....	....	....
Perjury,	2	....	....	....	....	1	....	....	....	3	2	....
Attempt to commit Arson,	1	....	....	....	....	....	....	....	....	....	....	....
Attempt to break Prison,	1	....	....	....	....	....	....	....	....	....	....	....
Gambling Houses,	1	....	....	....	....	....	....	....	....	....	....	....
Libel,	5	....	....	....	....	....	....	....	....	....	4	2
Conspiracy,	....	....	5	....	....	....	20	....	....	....	....	....
Abandonment of Child,	....	....	1	....	1	....	....	....	....	....	....	1
Procuring an Abortion,	....	....	....	....	....	....	....	....	....	....	....	2
Selling Lottery Tickets,	....	....	1	....	....	....	....	....	....	7	15	10
Violating Grave,	....	....	....	1	....	....	....	....	....	....	....	....
Total,	445	479	376	468	306	323	327	371	330	301	345	394

VIII. NEW JERSEY.

Government.

			Salary.
Charles C. Stratton,	of Gloucester Co.,	*Governor*, (term of office expires, Jan. 1848,)	$1,600
Ch. G. Mc Chesney,	of Trenton,	*Secretary of State*,	Fees.
Stacy A. Paxson,	of Trenton,	*Treasurer*,	1,000
John C. Smallwood,	of Glouc'r Co.	*President of the Senate*,	4.00 a day.
Isaac Van Wagener,	of Essex Co.	*Speaker of the House*,	4.00 a day.
Daniel Dodd, Jr.,	of Essex Co.	*Clerk of the Senate*,	3.50 a day.
Alex. G. Cattell,	of Salem,	*Clerk of the House*,	3.50 a day.

Judiciary.

Court of Errors and Appeals. — This Court is composed of the Chancellor, the judges of the Supreme Court, and six other judges, appointed by the Governor, with the consent of the Senate, who hold office for six years, one judge vacating his seat each year, in rotation. The Court holds stated terms at Trenton on the third Tuesdays of January, April, July, and October.

			Term expires.
Joshua Brick,	of Cumberland Co.,	*Judge.*	1849
Joseph Porter,	of Gloucester Co.,	*do.*	1846
Jonathan J. Spencer,	of Burlington Co.,	*do.*	1848
Ferdinand S. Schenck,	of Somerset Co.,	*do.*	1847
Aaron P. Robertson,	of Warren Co.,	*do.*	1850
James Spear,	of Passaic Co.,	*do.*	1851

Court of Chancery. — The *Chancellor* is appointed by the Governor, with the consent of the Senate, and holds his office for seven years. This Court holds four terms annually at Trenton, on the 3d Tuesdays in March, June, September, and December.

			Term expires.	Salary.
Oliver S. Halsted,	of Newark,	*Chancellor*,	1852	$1,800 & fees.

Supreme Court.

			Term expires.	Salary.
Jos. C. Hornblower,	of Newark,	*Chief Justice.*	1846	$1,500 & f.
Ira C. Whitehead,	of Morristown,	*Associate Justice*,	1848	1,400 & f.
James S. Nevius,	of N. Brunswick,	*do.*	1852	1,400 & f.
Jos. F. Randolph,	do.,	*do.*	1852	1,400 & f.
Tho's P. Carpenter,	of Woodbury,	*do.*	1852	1,400 & f.

Abraham Browning,	of Camden,	*Attorney General*,	1850	Fees & 80
James Wilson,	of Trenton,	*Clerk*,	1847	Fees.
Robert E. Spencer,	of Mount Holly,	*Reporter*,	1847	200
Sam'l. R. Gummere,	of Trenton,	*Clerk in Chancery.*	1850	Fees.

The Judges are appointed by the Governor, with the consent of the Senate, and hold office for seven years.

The Supreme Court holds four terms each year at Trenton, on the last Tuesdays in January, April, July, and October; and the judges of this court hold Circuit Courts and Courts of Oyer and Terminer four times a year in each county, except the counties of Atlantic and Cape May, in which two terms only are held. Inferior Courts of Common Pleas are held four times in a year in each county, by judges appointed by the Legislature, for five years, who receive fees, but no salary, and the number of whom is limited to five in each county. The compensation of a judge is not to be diminished during his term.

Census and Statistics of Paterson, N. J., May 1, 1845.

Number of Families,	2,000
" " Males over 16,	3,022
" " " under 16,	2,327
" " Females over 16,	3,178
" " " under 16,	2,301
" " Colored,	250
Total amount of population,	11,086
" " " in 1838,	9,048
Number of births within the preceding 12 months,	425
" " deaths, " " " "	214
" " dwelling houses occupied,	1,208
" " " in progress of erection,	148
" " Churches,	12

Viz: — First Presbyterian, Second Presbyterian, Episcopalian, Dutch Reformed, True Dutch Reformed, Baptist, Methodist Episcopal, Free Church, Primitive Methodist, Roman Catholic, Congregational Methodist.

Number of Clergymen,	13
" " Teachers in the different Schools,	30
" " Scholars " " " "	1,213

There is also an Infant School, in which are gratuitously taught, on an average, annually, 175 scholars.

Number of Cotton Factories in operation,	23
" " Machine Shops, with Foundries,	6
" " Locomotive Shop,	1
" " Woollen Mills in operation,	3
" " Paper " " "	2
" " Flax " " "	2
" " Bleaching, Dyeing, and Printing Works,	3
" " Cotton Spindles in operation,	50,000
" " Flax " " "	1,350
" " Wool " " "	1,236
" " Silk " " "	2,380
" " Hands employed in Cotton Factories,	1,898
" " " " Flax Mills,	128
" " " " Woollen Mills,	90
" " " " Silk Factory,	75
" " " " Bleaching, Printing, &c.,	98
" " " " Paper Mills,	120
" " " " Machine and Blacksmith Shops, Foundries, &c.,	1,278
" " " " Bobbin Factories,	60

Common Schools.

School fund in 1843,	$350,058 02
Revenue up to February, 1845,	57,640 60
Amount of the Fund, February, 1845,	377,391 79
Number of Districts returned,	1,051
Number of children in the returned Districts,	70,955

There are about 1,500 Districts.

The sum of $30,000 was duly distributed to the several county collectors from the income of the State Fund.

The whole amount of moneys paid by the township collectors to the trustees of districts in townships, from which reports have been received, was $54,225 04.

Finances.

Whole amount received from Oct. 15, 1843, to Feb. 7, 1845,	$170,375 23
Whole amount expended " " " " " "	164,276 20

The State has no debt, properly so called, but the Treasury owes $25,595 82 to the State School Fund. The State has available funds — in railroad stocks, debts from railroads, collectors, and other persons, and cash deposited — to the amount of $249,755 34; from which this debt to the School Fund being subtracted, there remains $224,159 52 of State property without any debt or charge upon it.

Chief items of Expenditure.		*Chief sources of Income.*	
Salaries,	$15,651 22	On hand, Oct. 15, 1843,	$15,706 32
Legislature,	25,614 85	Dividends on Stocks,	27,000 00
State Prison Inspectors,	8,099 53	Interest on Bond,	1,020 00
Convicting & transporting convicts,	6,741 07	Surplus earnings of Prison,	4,000 00
Deaf, dumb, & blind,	4,329 64	State Tax, 1842,	40,000 00
Convention for Constitu'n,	8,059 99	" " 1844, in part,	24,847 27
Debt paid to School Fund,	80,000 00	Miscellaneous,	1,836 90
Revolutionary pensioners,	2,330 04	*Transit Duties on*	
Incidental expenses,	13,449 55	Camden & Amboy R. R.,	28,527 29
On hand, Feb. 7, 1845,	6,099 04	Delaware & R. Canal,	15,783 87
		New Jersey Railroad,	11,653 48

New Jersey Lunatic Asylum. — The commissioners appointed by the Legislature for the purpose, have selected a farm in Ewing, about two miles and a half from Trenton, as the site for the Lunatic Asylum about to be erected. The property purchased contains 111 acres. The part of it on which it is designed to erect the building is a level tract of 15 or 20 acres, situated about 150 feet above the level of the river, and commanding a beautiful prospect of the surrounding country.

State Prison. — September 30th, 1843, there were 155 convicts, and up to Jan. 1, 1845, 107 more were received, making 262. 50 have been discharged by expiration of sentence, 40 by pardon, and 4 have died; 167 prisoners remain. Of these, 98 were white males, 59 colored males, and 2 colored females. 131 were convicted for the first offence, 21 for the second, 6 for the third, and 1 for the fourth. 22 were under 20 years of age when convicted. 98 were born in New Jersey, 42 in other parts of the United States, and 19 were foreigners. 35 were convicted of burglary, 36 of larceny, 27 of "misdemeanour" (?), 14 of assault and battery, 7 of rape, or intent to commit a rape, and 10 of counterfeiting, or offering counterfeits.

There has been paid into the State Treasury the sum of $4,000 by the keeper, out of the earnings of the prison, and about $700 for repairs of the prison cells. Also, on the 30th of September, there was cash on hand $2,777 68, from the earnings of the convicts, and a large stock of raw materials, coal, and provision.

Essex County Prison. — Number of commitments in the first six months of 1845, 194; in the whole year preceding, 290. Of those committed in 1845, 74 were for drunkenness, 38 for assault and battery, 32 for larceny, 15 for breaches of the peace, and 35 for various offences.

IX. PENNSYLVANIA.

GOVERNMENT.

		Salary.
FRANCIS R. SHUNK, *Governor*, (term of office expires on the 3d Tuesday in January, 1848,)		$3,000
Jesse Miller,	of Perry Co., *Sec. of State, and Superintendent of Common Schools,*	1,700
Henry Petriken,	of Centre Co.. *Deputy Secretary of State,*	1,000
Ja's R. Snowden,	of Venango Co., *State Treasurer,*	1,400
J. N. Purviance,	of Butler Co., *Auditor General,*	1,400
John Laporte,	of Bradford Co., *Surveyor General,*	1,200
Thomas J. Rehrer,	*Deputy Surveyor General,*	1,000
Adam Diller,	*Adjutant General,*	300
Henry D. Rogers,	*State Geologist,*	2,000
John B. Sterigere,	of Montgomery Co., *Speaker of the Senate.*	
Findley Patterson,	of Armstrong Co., *Speaker of the House.*	
James Clarke,	of Indiana Co.,	
William B. Foster, Jr.,	of Bradford Co., } *Canal Commissioners.*	
Joshua Hartshorne,	of Chester Co.,	

JUDICIARY.

Supreme Court.

			Salary.
John B. Gibson,	of Carlisle,	*Chief Justice*,	$3,666.67
Molton C. Rogers,	of Lancaster,	*Associate Justice*,	2,400.00
John Kennedy,	of Pittsburg,	*do.*	2,400.00
Thomas Sergeant,	of Philadelphia,	*do.*	2,400.00
Thomas Burnside,	of Centre Co.,	*do.*	1,600.00
John K. Kane,	of Philadelphia,	*Attorney General*,	$300 and fees.
Joseph S. Cohen,	*Prothonotary for the East District*,		Fees.
Abner L. Pentland,	*do.*	*West do.*	do.
P. C. Sedgewick,	*do.*	*Middle do.*	do.

The Judges of the Supreme Court receive, in addition to their salaries, $4.00 a day, "while on the circuits, as a full allowance for travelling expenses." By a law passed in 1843, the salaries of those *who succeed* the present incumbents will be as follows: Chief Justice, $1,800, Associate Justices, $1,600; and, in addition, $3 a day while on the circuits.

They hold court in bank, once a year, in four several districts;—1st, for the Eastern District, at Philadelphia; 2d, for the Middle District, at Harrisburg; 3d, for the Northern District, at Sunbury; 4th, for the Western District, at Pittsburg.

District Courts.—There are four District Courts, which are invested with the civil jurisdiction of the Common Pleas, in their respective Districts, in all cases exceeding a certain amount.

District Court for the City and County of Philadelphia.

		Salary.
Joel Jones,	*President Judge*,	$2,000
John K. Findlay,	*Judge*,	2,000
George Sharswood,	*do.*	2,000
Edward C. Dale,	*Prothonotary.*	

District Court for the City and County of Lancaster.

		Salary.
Alexander Hayes,	*Judge*,	1,600

District Court for the County of Alleghany.

		Salary.
Robert C. Grier,	*President Judge*,	2,000
Hopewell Hepburn,	*Judge*,	2,000

District Court for Erie, Crawford, Venango, Warren, and Mercer.

		Salary.
James Thompson,	*Judge*,	2,000

Courts of Common Pleas. — The State is divided into 21 Districts, for the sessions of the Court of Common Pleas. The President Judge of the District of Philadelphia and the Associate Judges have each a salary of $2,600. The President Judges, in all the other districts, have each a salary of $2,000, and their Associates $120.

Districts.	President Judges.
1. Philadelphia,	Edward King.
Judges, James Campbell, John R. Jones, Anson V. Parsons.	
2. Lancaster,	Ellis Lewis.
3. Berks, Northampton, and Lehigh,	John Banks.
4. Centre, Clinton, and Clearfield,	Geo. W. Woodward.
5. Alleghany,	Benjamin Patton.
6. Erie, Crawford, Venango, and Warren,	Gaylord Church.
7. Bucks and Montgomery,	David Krause.
8. Northumberland, Lycoming, and Columbia,	Joseph B. Anthony.
9. Cumberland, Perry, and Juniata,	Samuel Hepburn.
10. Westmoreland, Indiana, Armstrong, and Cambria,	Thomas White.
11. Susquehanna, Wyoming, Wayne, and Pike,	William Jessup.
12. Dauphin, and Lebanon,	Nat. B. Eldred.
13. Luzerne, Bradford, and Tioga,	J. N. Conyngham.
14. Washington, Fayette, and Greene,	Nathaniel Ewing.
15. Chester and Delaware,	Thomas S. Bell.
16. Franklin, Bedford, and Somerset,	Jeremiah S. Black.
17. Beaver, Butler, and Mercer,	John Bredin.
18. Porter, McKean, Warren, Jefferson, and Elk,	Alex. McCalmont.
19. York and Adams,	Daniel Durkee.
20. Huntingdon, Mifflin, and Union,	Abraham S. Wilson.
21. Munroe, Carbon, and Schuylkill,	Luther Kidder.

Finances.

Total amount received in 1844,	$2,331,705.53
Total amount expended in 1844,	1,847,385.15
Whole amount of State Debt,	$40,703,866.89
Annual Interest on this Debt,	2,035,013.56
Balance in Treasury, Dec. 1, 1844,	$663,851.88

Property of the Commonwealth.

Stock in sundry corporations, (par value)	$2,025,351.37
Public Works, (cost of construction)	28,623,410.06
Public buildings and grounds at Harrisburg, (estimated)	250,000.00
Money due on lands unpatented, (estimated)	200,000.00
State arsenals, powder magazine, &c., (estimated)	100,000.00
	$31,198,761.43

Principal Items of Expenditure.		*Chief Sources of Income.*	
Internal Improvement,	719,126.08	Lands,	$12,027.27
Expenses of government,	254,453.11	Auction commissions,	24,220.00
Militia expenses,	19,151.16	Auction duties,	68,145.41
Pensions,	35,369.60	Tax on Bank dividends,	46,705.55
Education,	290,917.53	Tax on corporation stocks,	52,379.88
Loans,	20,269.10	Tax on real & pers. estate,	751,210.01
Interest on Loans,	50,542.74	Tavern licenses,	40,150.94
Penitentiaries,	13,308.00	Retailers' licenses,	64,847.75
House of Refuge, .	4,000.00	Pedlars' licenses,	1,483.93
Geological Survey,	2,000.00	Brokers' licenses,	6.460.12
Domestic Creditors,	95,837.35	Tax on writs,	32,921.88
Huntingdon Breach,	52,700.00	Collateral inherit. tax,	21,631.96
Cancelled Relief Notes,	274,087.00	Canal and railroad tolls,	1,164,325.84
Miscellaneous,	5,958.85	Loans, stocks, & divid's,	26,075.96
		United States,	7,425,68
		Sales of public property,	3,431.28
		Miscellaneous,	2,463.01

Statement of the Tax assessed on Real and Personal Estate for the last four years, between the 1st of January, 1841, *and the 1st of January*, 1845.

Years.	Amount of tax assessed.	Amount of tax received at the Treasury.	Gross amount of tax outstanding.	Paid to Common Schools.
1841,	$523,200.14	$212,097.04		$293,854.02
1842,	663,075.12	394,261.90		285,981.74
1843,	989,362.06	565,467.90		337,134.39
1844,	944,899.03	772,108.66		253,868.27
	3,120,536.35	1,943,935.50	1,176,600.85	1,170,838.42

From the gross amount of outstanding tax there is liable to be deducted, for collections and exonerations, about 8 per cent. upon the amount of tax assessed, which would leave outstanding actually, and due the State, $926,957.95.

The Western State Penitentiary, at Pittsburgh. — By the last annual report of the State Penitentiary for the Western District, at Pittsburgh, it appears that the number of convicts is 18 less than last year. 60 prisoners were received during the year, and 78 discharged. The whole number in confinement was 208. Of these 6 had died. On the 1st of January, 1845, there were but 130 prisoners in that Penitentiary.

Since the opening of that prison in the year 1826, to January 1st, 1845, the whole number of prisoners received, was 1,045. Of these, 50 died. The number in confinement last year, 208, and 6 deaths. Showing a general average of mortality of 4 per cent., and the average for last year 3 per cent. One third of those who died last year were fatally diseased on admission.

The following table shows the number of prisoners received each year since 1826.

1826, 10 prisoners.	1832, 37 prisoners.	1838, 56 prisoners.
1827, 29 "	1833, 68 "	1839, 84 "
1828, 43 "	1834, 48 "	1840, 79 "
1829, 43 "	1835, 68 "	1841, 90 "
1830, 39 "	1836, 53 "	1842, 69 "
1831, 44 "	1837, 45 "	1843, 70 "
		1844, 60 "

The Eastern State Penitentiary, at Philadelphia.—We extract the following passages from the 16th Annual Report for 1845.

"The whole number of prisoners that have been in the house during the year having been 497, and the number of deaths 13, gives a per centage of 2·61 on the aggregate; these deaths have occurred principally from diseases of long standing, and in many cases introduced with the prisoners.

"On the first day of this year, (1845,) there were 340 prisoners in confinement; of whom 234 were white, and 106 colored; being, in the whole, 19 less than at the corresponding period of last year. 138 were received during the year 1844, being 18 less than in 1843; 98 were discharged by expiration of sentence; 46 by pardon, viz., 39 whites and 7 colored; and 13 died, of whom 6 were white and 7 colored. The average number of prisoners for the year was 360.

Total number of prisoners received since the admission of the first prisoner, October 25th, 1829,		1,916
Discharged by expiration of sentence,	1,230	
" by pardon,	181	
Died,	158	
Escaped, 1; hanged, (crime, murder on the high seas,) 1; suicide, (1 in 1832 and 1 in 1838,) 2; removed to House of Refuge, 1; writ of error, 1; sentence changed, 1. Total,	——	1,576
Leaving, December 31, 1844,		340

Ages.

Under 20 years of age;	232	From 50 to 60,	71
From 20 to 30,	966	" 60 to 70,	25
" 30 to 40,	419	" 70 to 80,	7
" 40 to 50,	196		

Education.		*Habits.*	
Read and write,	945	Drank to intoxication,	1,210
Read only,	447	Moderate drinkers,	386
Could not read or write,	524	Sober,	310
		Uncertain,	10
			1,916

Crimes.

Larceny,	988	Murder in second degree,	45
Burglary,	244	Rape,	23
Horse stealing,	136	Arson,	23
Forgery,	77	Horse stealing,	19
Robbery,	51	Receiving stolen goods,	13
Manslaughter,	48	Assault, with intent to kill,	33
Passing counterfeit money,	63	" " " to ravish,	21

Natives of

Pennsylvania,	909	Other States,	139
New Jersey,	134	Ireland,	153
Delaware,	118	England,	56
New York,	135	Germany,	77
Maryland,	138	Other foreign countries,	57

Number of Convictions.

First convictions to this Penitentiary,	1,360
Second " under the Separate System,	76
" " to this Penitentiary of those who had been in other prisons previous to their first reception here,	103
" " of those who are here for the first time, but have been once before in some other prison,	163
Third convictions under the Separate System,	4
" " to this Penitentiary of those who have been in other prisons previous to their first reception here,	18
Third convictions of those who are here for the first time, but have been twice before in other prisons,	104
Fourth " the first three having been to other prisons,	52
Fifth " " four " " "	18
Sixth " the former five " " "	15
Seventh " " six " " "	1
Ninth " " eight " " "	2

The whole number of cases on the sick list from January 1st to July 1st, 1844, is 73 white, and 38 colored. Many of these were second and third attacks in the same individual, so that, as usual, there has been a larger number of cases than of patients. Making this distinction, we find, on an aggregate of 448 convicts, 229 whites and 118 negroes were never sick; and that 73 whites, and 38 colored, were under treatment once, or oftener, in the course of the half year.

Fifteen cases of insanity have been treated during the year, and in twelve of these, the Physician asserts that the convicts were insane when they entered the prison.

Common Schools.

Comparative View of the School System since its establishment in 1835.

Date.	Districts.				Schools.		Teachers.		
	Whole No. of Districts.	No. of accepting districts.	No. of dist's paid.	No. of districts reported.	Whole No. of sch's.	Length of time the schools were open.	Whole No. of teachers.	Average salaries of male teachers per month.	Average salaries of female teachers per month.
1835,	907	536	...	156	762	3m. 12d.	808	.....	.....
1836,	987	745	603	573	3,384	4 3	3,394	$18 34	$11 96
1837,	1,001	796	765	664	4,089	6 0¼	4,841	18 89¼	11 79½
1838,	1,033	861	820	628	2,939	5 18	5,034	18 95	11 30
1839,	1,050	879	857	633	3,152	5 8	4,666	19 39½	12 03
1840,	1,050	879	867	633	3,152	5 8	4,666	19 39½	12 03
1841,	1,072	902	885	734	5,179	5 7	6,086	18 92	11 45
1842,	1,113	905	905	861	6,116	5 9	7,494	18 58	11 16
1843,	1,139	945	945	865	6,156	5 14½	7,594	17 54	11 06
1844,	1,172	939	939	846	5,993	5 15	7,585	16 68½	10 41

Date.	Scholars.			Receipts.		Expenditures.	
	Whole No. of scholars.	Average number in each school.	Av'ge cost of teaching each scholar per quarter.	State appropriation to accepting districts.	Tax levied in accepting districts.	For school houses.	For instruction, fuel and contingencies.
1835,	32,544	.....	1.12½	Unknown.	.....	.....	.....
1836,	139,604	41	1.06	$98,670.54	$207,105.37	$111,803.01	$193,972.90
1837,	182,356	42½	1.27½	463,749.55	231,552.36	202,230.52	493,071.39
1838,	174,733	41½	1.39½	323,794.92	385,788.00	149,132.23	560,450.69
1839,	181,913	41½	1.36½	276,826.92	282,527.89	161,384.06	579,162.78
1840,	181,913	41½	1.36½	264,536.66	395,918.00	161,384.06	580,262.63
1841,	227,699	44	1.26	249,400.84	397,952.01	123,004.19	524,348.66
1842,	281,085	44	1.27	250,065.00	398,786.40	119,006.74	499,872.58
1843,	288,762	45	1.21	272,720.00	419,307.61	92,749.01	484,454.12
1844,	288,402	44	1.15	264,520.00	391,340.68	75,918.94	470,228.36

The City and County of Philadelphia compose the first school district, which received as its share of the State appropriation in 1844, the sum of $57,764.00.

The whole amount expended in Philadelphia during the last year was $219,736.56: of which $6,422.61 was for real estate; $2,090.99 for school furniture; $4,375.40 for fuel; $28,257.54 for books and general contingent expenses; $30,106.02 for contingent expenses of the school houses; and $138,484.00 for the salaries of teachers. The buildings and public property are all insured and the real estate held in trust by the

County of Philadelphia, for public school purposes, including lots, buildings, furniture, &c., which in many instances has become worth much more than the original cost, may be fairly estimated at over $600,000.

The number of the schools in the district is 217; of which 1 is the High School, 42 are Grammar Schools, 19 Secondary, 78 Primary, and 77 unclassified. The whole number of teachers, including the professors of the High School, is 526, of whom 84 are males, and 442 females; and the average compensation of each is $263.27. The whole number of scholars, 33,299; of whom 16,964 are males, and 16,335 females. The aggregate amount paid for tuition is $138,484; the aggregate amount for contingent expenses, not including those for real estate and school furniture, is $62,738.96. These two sums, divided by 33,299, (the whole number of scholars,) give the average cost of tuition, $4.15; average cost of contingent expenses, $1.89.

This report exhibits, as compared with the last, an increase of 169 pupils, 27 teachers, and 3 schools; a diminution in the average compensation of teachers of $10.96, and an increase in the average contingent expenses of each pupil, of 21 cents; a diminution of the whole expenses of the board, of $29,220.72; a diminution in the expenses for real estate and school furniture, of $37,932.50; and an increase in the contingent expenses, of $7,070.78.

Relief and Employment of the Poor of the city of Philadelphia, the District of Southwark, and the townships of the Northern Liberties and Penn, for the year ending May 20, 1844. — The total expense of maintaining the poor in the almshouse during the year was $79,011 86. The average number of paupers maintained by this sum was 1,663, which makes an average of 90 cents a week for each pauper. The total population of the places above enumerated, in 1840, was 162,361, making on an average one pauper for every 98 inhabitants. If the population of Kensington be included, from which place some paupers were sent to the almshouse, the average will be reduced to one pauper for every 111 inhabitants.

For the out-door poor, for wood distributed in the city, and other charges made exclusively for the support of paupers, $26,012 73 were expended in addition to the sum above mentioned. The whole amount received by the Treasurer during the year, on account of poor taxes, was $163,525 71.

X. DELAWARE.

GOVERNMENT.

			Salary.
THOMAS STOCKTON,	of Newcastle,	*Governor*, (term of office expires on the 3d Tuesday in January, 1848,)	$1,333⅓
John Wales,	of Wilmington,	*Secretary of State*,	Fees and 400
James S. Buckmaster,	of Frederica,	*State Treasurer*,	500
Abraham Staats,	of Fieldsboro,	*Auditor*,	500
Joseph Maull,	of Milton,	*President of the Senate.*	
William Temple,	of Smyrna,	*Speaker of the House.*	

Pay of the members of the legislature, $3 a day.

JUDICIARY.

Superior Court.

			Salary.
James Booth,	of New Castle,	*Chief Justice*,	$1,200
Samuel M. Harrington,	of Dover,	*Associate Justice*,	1,200
John J. Milligan,	of Wilmington,	*do.*	1,000
Davis Hazzard,	of Milton,	*do.*	1,000
Edward W. Gilpin,	of Wilmington,	*Attorney General*,	Fees and 300

Court of Chancery.

			Salary.
Kensey Johns, Jr.,	of New Castle,	*Chancellor*,	$1,100

Orphans' Court.

The Chancellor and one of the Judges of the Superior Court.

Registers' Courts.

Joshua E. Driver,	of New Castle,	*Register of*	*Wills*,	Fees.
Charles Polk,	of Dover,	*do.*	*do.*	Fees.
Peter Parker,	of Georgetown,	*do.*	*do.*	Fees.

Delaware College.— Appropriation by the State to the College Fund, in 1844, $3,276.89.

Common School Fund.— Receipts for 1844, (from interest on surplus fund, tax on marriage and tavern licenses, and appropriation from State Treasury,) $34,952.07. Amount paid this year for tuition of 10,879 children in 200 free schools, (the whole number of white children in the State, from 5 to 20 years old, being 21,242,) $36,929.12.

Finances.

Total amount received in 1844,	$42,352.06
Total amount expended in 1844,	36,671.54
Amount of Surplus Revenue,	521,529.03

Principal Items of Expenditure.		*Chief Sources of Income.*	
Judiciary,	$6,336.11	Interest on invested surplus revenue,	$23,908.87
Executive Department,	3,917.33	Tax on Banks and other corporations,	7,282.10
Legislature,	1,523.57	Tax on retailers' licenses,	3,730.39
College Fund,	3,276.89	Public Lands,	710.87
Common Schools,	12,557.13	Fines and forfeitures,	496.04
Poor,	4,715.85	Sundries,	6,213.79
Bounties, &c.,	635.84		

Crime. — Population of the State in 1840, 58,568 whites, 16,919 free blacks, and 2,605 slaves.

Indictments for crime in ten years, 316 whites and 270 blacks; trials in ten years, 164 whites and 229 blacks; convictions, 110 whites and 163 blacks; average convictions each year, 11 whites and 16 blacks.

This statement is for crimes above the grade of misdemeanors. A large proportion of the white convicts is in Newcastle county, in the line of communication between two large cities. In Kent county, with a white population of 13,600, there were only *seven* convictions for crimes of the grade of felony in *ten* years, being less than one *per annum*.

Pauperism. — From the Report for Kent county, the following facts appear. The population in 1840 was 19,872, of whom 13,618 were whites, and 6,254 were blacks. The whole number of paupers supported in 1844, was 120, of whom 73 were whites, and 47 were blacks. The aggregate expense of the poor-house establishment in 1844 was $2,349.00. The average number of paupers at any one time was 76; the average cost of supporting one pauper for a year was $34.87½.

The total population of Sussex county in 1840 was 25,093, of whom 19,137 were whites, and 5,956 were blacks. The whole number of poor relieved during the year was 171, of whom 116 were whites, and 55 were blacks. The average number of paupers at any one time was 120. The whole expense of the in-door pauper establishment, in 1844, was $4,124.06, so that the avefage expense of each pauper for one year was $34.33. A farther sum of $2,742.75 was paid for the relief of out-door paupers, making the whole cost of the poor, $6,866.81.

The population of New Castle county in 1840, was 33,120. The average number of in-door paupers in 1844 was 150, and the whole cost of their maintenance was $6,673.56, being an average of $44.49 for each. $783.69 were also paid for the out-door poor, making the whole cost of the pauper establishment for the year $7,457.25.

XI. MARYLAND.

GOVERNMENT.

			Salary.
THOMAS G. PRATT,	of Pr. George's Co.,	*Governor*, (term of office expires on the 1st Monday in January, 1848,)	*$4,200
Wm. T. Wootten,	of P. George's Co.,	*Secretary of State*,	2,000
Dennis Claude,	of Annapolis,	*Treasurer*,	2,500
Thomas Karney,		*Examiner General*,	800
G. R. Richardson,	of Baltimore,	*Attorney General*,	Fees.
John S. Gittings,	of Baltimore,	*Commissioner of Loans*,	Fees.
George G. Brewer,	of Annapolis,	*Register of the Land Office*,	Fees.
Richard Swan,	do.	*State Librarian*,	1,000
James Swan,	of Baltimore,	*Commissioner of Stamps*,	750
John N. Watkins,	do.	*Adjutant General*,	500
William Williams,	of Somerset Co.	*President of the Senate.*	
John G. Chapman,	of Charles Co.	*Speaker of the House.*	

JUDICIARY.

Court of Chancery.

		Appointed.		Salary.
Theodorick Bland,	of Annapolis,	1824,	*Chancellor*,	$3,600
Louis Gassaway,	do.		*Register.*	
Cornelius McLean,	do.		*Auditor*,	Fees.

Court of Appeals.

		Appointed.		Salary.
Stevenson Archer,	of Bel-Air,	1823,	*Chief Judge*,	$2,500
Thomas B. Dorsey,	of Ellicott's Mills,	1824,	*Associate Judge*,	2,200
Ezek. F. Chambers,	of Chestertown,	1835,	*do.*	2,200
Ara Spence,	of Snowhill,	1835,	*do.*	2,200
Robert N. Martin,	of Cumberland,	1845,	*do.*	2,200
A. C. Magruder,	of P. George's Co.,	1845,	*do.*	2,200
Richard W. Gill,	of Annapolis,		*Clerk & Reporter*,	Fees.

Baltimore City Court.

Nicholas Brice,	*Chief Judge*,	$2,400
W. G. D. Worthington,	*Associate Judge*,	1,500
Alexander Nisbet,	*do.*	1,500

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*And the use of the "Governor's house."

The State is divided into six judicial districts, each comprising two, three, or four counties. For each district there are a chief judge and two associates, who constitute the County Courts for the respective counties in the district. These are the common law courts of original jurisdiction in the State; and they have jurisdiction of all claims for fifty dollars and upwards, appellate jurisdiction from the judgment of justices of the peace, and equity jurisdiction within the counties coëxtensive with the chancellor. The six chief judges constitute the Court of Appeals for the State, which has appellate jurisdiction of cases at law and in equity, originating in the County Courts, the Orphans' Courts, (of which there is one in each county,) and the Court of Chancery.

Finances.

Total amount received in 1844,	$743,479.51
Total amount expended in 1844,	635,524.61

Principal items of Expenditure.		*Chief sources of Income.*	
Salaries of civil officers,	$11,695.53	Dividends on stocks,	$74,338.75
Salaries of the Judiciary,	37,284.67	Direct taxes,	376,332.79
Expenses of Legislature,	56,342.90	Other taxes,	21,144.71
Interest on the State debt,	395,059.62	Auction duties,	20,662.50
State colonization,	10,000.00	Baltimore & Ohio R.R. Co.,	41,040.29
Common Schools,	34,069.36	Balance from 1843,	73,317.10
Charitable Establishments,	16,665.30	Licenses by county courts,	86,978.61
Miscellaneous,	10,393.37	Tobacco inspection,	25,504.87
Colleges and Academies,	18,400.00	Balt. & Susq. R. R. Co.,	20,000.00

Whole amount of State debt,	$11,986,784.98
Annual interest on this debt,	655,341.16

The interest in arrear on the State Debt, Dec. 1,1844, was $1,450,961.00.

The productive capital of the State, consists of the following:

Bank Stock,	$510,966.66
Baltimore and Ohio Railroad,	1,050,000.00
Other stocks,	25,000.00
Debts due the State,	641,142.47
Total,	2,227,109.03

Besides this productive stock, the State holds a large amount of capital and credits, at present unproductive, but which must, nevertheless, in the course of a period not very remote, become of considerable value.

Baltimore and Ohio Railroad.

Receipts for the two years ending September 30, 1844.

	Year ending Sept. 30, 1843.	Year ending Sept. 30, 1844.
For transportation of passengers,	$204,939.79	$258,517.74
" " freight,	281,620.15	302,484.88
" " U. S. mails,	41,235.11	43,224.30
From the Washington Branch,	42,004.59	49,325.44
For sundries,	5,435.44	5,057.62
	575,235.08	658,619.98
Ordinary expenses for the year,	287,153.72	294,833.29
Net revenue,	288,081.36	363,786.69

Number of miles run by locomotives in 1844,	537,352
Number of passengers carried one mile,	8,231,187
Cost per passenger per mile, including expense of salaries, repairs, &c., &c.,	1 cent & 54 thousandths.
Number of tons carried one mile,	7,382,468
Cost per ton per mile, including as before,	2 cents & 818 thousandths.

The Insane Poor.—From an able report on this subject, drawn up by Dr. Stephen Collins, we learn that there are in the alms house of Baltimore, 73 insane paupers. Of these, 23 are white and 4 colored men; 35 white and 11 colored women; 28 are foreigners by birth, and 50 are from the city of Baltimore. 10 of the whole number are idiotic or subject to fits, and some, particularly among the women, are old and harmless, and cannot be cured.

The annual cost for the support of each of these is $65. They are waited upon by other inmates of the almshouse.

The "*Maryland Historical Society*" was formed in January, 1844. Several previous efforts to establish a Historical Society had been made without success. The Society may now be considered as established upon a permanent basis, numbering as it does about 175 names upon its list of active members, which is every month receiving accessions. Many valuable donations have been received, among which may be mentioned a voluminous mass of important Mss. relating to the Colonial and Revolutionary History of the State, presented by the family of the late Charles Carroll of Carrollton, and by Robert Gilmor, Esq. The Society expect soon to publish their first volume of proceedings, &c. The Officers are—Gen. John Spear Smith, *President;* John V. L. McMahon, *Vice President;* John J. Donaldson, *Treasurer;* Brantz Mayer, *Cor. Secretary;* Sebastian F. Streeter, *Rec. Secretary;* Geo. B. Coale, *Librarian;* John W. Knighton, *Assistant Librarian.*

XII. VIRGINIA.

GOVERNMENT.

			Salary.
JAMES McDOWELL,	of Rockbridge,	*Governor*, (term ends Jan. 1, 1846,)	$3,333⅓
John F. Wiley,	of Amelia Co.	*Senior Councillor of State*, (term ends March 31, 1846,)	1,000
John M. Patton,	of Richmond,	*Councillor of State*, (term ends March 31, 1847,)	1,000
Raleigh T. Daniel,	of Richmond,	*Councillor of State*, (term ends March 31, 1848,)	1,000
Fabius M. Lawson,	of Richmond,	*Treasurer*,	2,000
James E. Heath,	do.	*Auditor*,	2,000
James Brown, Jr.,	do.	*2d Auditor, and Superintendent of the Literary Fund*,	2,000
Stafford H. Parker,	do.	*Register of the Land Office*,	1,500
Sidney S. Baxter,	do.	*Attorney General*,	Fees & 1,000
W. H. Richardson,	of Henrico Co.,	*Secretary of the Commonwealth, Adjutant General, and Librarian*,	1,720
Thomas F. Lawson,	of Richmond,	*Clerk of the Council*,	1,000
Charles S. Morgan,	do.	*Superinten. Penitentiary*,	2,000
Edward P. Scott,	of Greenville,	*Speaker of the Senate*,	$6 a day.
Valentine W. Southall,		*Speaker of the House*,	$8 a day.

The Governor, Treasurer, Auditor, and 2d Auditor are, *ex officio*, members of the Board of Public Works, Literary Fund, and North Western Turnpike. They do not receive compensation for this service.

JUDICIARY.

Court of Appeals.

			Elected in	Salary.
William H. Cabell,	of Richmond,	*President*,	1830,	$2,750
Francis T. Brooke,	of Spottsylvania Co.,	*Judge*,	1830,	2,500
John J. Allen,	of Botetourt Co.,	*do.*	1840,	2,500
Robert Stanard,	of Richmond,	*do.*	1839,	2,500
Briscoe G. Baldwin,	of Staunton,	*do.*	1842,	2,500
Joseph Allen,	of Richmond,	*Clerk of the Eastern Circuit*,		1,000
John A. North,	of Lewisburg,	*Clerk of the Western Circuit*,		1,000

The judges are entitled to receive, in addition to their salaries, 25 cents a mile for necessary travel. The Court of Appeals holds two sessions annually; one at *Lewisburg*, Greenbriar county, for the counties lying

west of the Blue Ridge, commencing on the 2d Monday in July, and continuing 90 days, unless the business shall be sooner despatched; the other at *Richmond*, for the counties lying east of the Blue Ridge, commencing at such times as the Court may from time to time appoint.

General Court.

The State is divided into ten Judicial Districts, and each District into two Circuits, except the 4th, which comprises three. The third Circuit of the 4th District is the 21st District of the State, containing but a single Court, called the "Circuit Superior Court of Law and Chancery for the county of Henrico and city of Richmond." In this Court, there are two judges; one on the law side, with a salary of $1,800; the other on the chancery side, with a salary of $2,000. On the death, resignation, or removal of either of the two judges now attached to this court, his duties are to devolve on the other, without any increase of salary. In all the other circuits, the chancery and common law jurisdictions are blended in the same judges, each of whom has a salary of $1,500, and $4 for every 20 miles of necessary travelling.

Judges.	*Residence.*	*Judges.*	*Residence.*
1. Richard H. Baker,	of Nansemond Co.	12. L. P. Thompson,	of Staunton.
2. James H. Gholson,	of Petersburg.	13. Isaac R. Douglass,	of Morgan Co.
3. Geo. P. Scarburg,	of Accomac.	14. Daniel Smith,	of Rockingham Co.
4. J. B. Christian,	of Charles City Co.	15. Benjamin Estell,	of Wythe Co.
5. John T. Lomax,	of Fredericksburg.	16. James E. Brown,	of Wythe Co.
6. John Scott,	of Fauquier Co.	17. Edward Johnston,	of Botetourt Co.
7. John B. Clopton,	of Richmond.	18. Edwin S. Duncan,	of Harrison Co.
8. Daniel A. Wilson,	of Cumberland Co.	19. D. W. McComas,	of Wythe Co.
9. William Leigh,	of Halifax Co.	20. Joseph L. Fry,	of Wheeling.
10. N. M. Taliaferro,	of Franklin Co.	21. Philip N. Nicholas,	of Richmond.
11. Richard H. Field,	of Culpepper Co.	John Robertson,	do.

A Circuit Superior Court of Law and Chancery is held twice every year in each county and in some corporations.

The judges who hold the Circuit Courts, are also required to hold, every year, two terms of the General Court in the Capitol at Richmond. It is the duty of fifteen of the judges to attend this Court, eleven being necessary to form a quorum. One term begins on the last Monday in June; the other, on the 1st Monday of December. The judges are required to arrange themselves into four classes, of five judges each, one of which is exempt, in rotation, from attending the court.

The General Court has appellate jurisdiction in the last resort in criminal cases; also, original jurisdiction of probates and administrations, and some claims of the Commonwealth. Its judges, or a portion of them, sit as a special Court of Appeals, in cases in which the judges of the Court of Appeals proper are disqualified by interest or otherwise.

County Courts.— A Court sits in each County every month, held by four or more Justices of the Peace. These Courts, formed of plain farmers or country gentlemen, are invested with a jurisdiction wider than that of any other Court in the State, covering almost the whole field of cognizance, civil, criminal, legal, and equitable. Any one Justice can hold a Court with jurisdiction over all causes in which the value does not exceed $20. At the monthly and quarterly sessions, which are held by four or more Justices, deeds and wills may be proved, and chancery matters and suits at common law be heard and determined, with a right of appeal to a Superior Court. These Courts, exclusively, try slaves for all offences; and they examine free persons charged with felony, previously to their trial in the Circuit Court. Free Negroes and Indians are on the same footing with slaves.

FINANCES.

The Fund of Internal Improvement, and the Literary Fund, are State corporations, each having its own resources and expenditures. The resources of each, in part, come from the public treasury. Thus, in the Fund for Internal Improvement, the greater part of the State debt is registered, and the interest payable on the same comes through the warrant of the second Auditor. Should the revenue of this fund be insufficient, the deficiency is paid out of the Treasury.

Total amount received in 1844,	$1,503,743.54
Total amount expended in 1844,	1,526,358.20
Whole amount of State Debt,	*7,360,932.24
Annual interest on this debt,	431,066.43

Chief Sources of Income.

	Common-wealth.	Board of Pub. Works.	Literary Fund.	Totals.
Revenue Taxes,	$708,715.87			$708,715.87
Militia Fines,	12,318.48			12,318.48
Dividends on Bank Stocks,	141,865.50	$66,452.86	$18,188.50	226,506.86
Bonus on Bank Capital,		49,320.45		49,320.45
Taxes on law process and seals,	31,287.52			31,287.52
Tax on Dividends,	7,944.90			7,944.90
Temporary Loans,	70,000.00			70,000.00
Dividends from Joint Stock Co.,		34,891.39		34,891.39
Interest on Loans, &c.,	6,000,00	22,434.98	67,361.08	95,796.06
Loans to pay subscriptions to Joint Stock Companies,		8,520.00		8,520.00
Commonwealth to pay interest on Public Debt,		186,000.00		186,000.00
Fines, forfeitures, penalties, &c.,			12,859.45	12,859.45
Miscellaneous,	34,276.97	21,403.64	3,901.95	59,582.56

* $1,392,884.88 of this debt is owned by the State itself.

Principal Items of Expenditure.

	Common-wealth.	Board of Pub. Works.	Literary Fund.	Totals.
Expenses of General Assembly,	$71,523.59	.....	.....	$71,523.59
Officers of Government,	81,905.08	$3,309.20	$2,329.07	87,543.35
Criminal charges,	30,771.57	.....	.....	30,771.57
Penitentiary expenses,	12,571.52	.....	.....	12,571.52
Contingent expenses of Courts,	28,480.67	.....	.....	28,480.67
Militia,	19,507.81	.....	.....	19,507.81
Military School at Lexington,	6,000.00	.....	1,500.00	7,500.00
Public Guard at Richmond,	22,565.88	.....	.....	22,565.88
Comm'rs of Revenue,	32,862.83	.....	.....	32,862.83
Lunatics and Lunatic Asylums,	68,382.52	.....	.....	68,382.52
Deaf, Dumb and Blind Institution,	10,000.00	.....	.....	10,000.00
Interest on Public Debt,	63,260.44	372,418.74	.....	435,679.18
Subscriptions and appropriations to Public Roads,	3,093.00	9,573.46	.....	12,666.46
Deficiency of the Inter'l Improvement Fund to pay Interest on Public Debt,	186,000.00	.....	.....	186,000.00
Divid's to old J.R.C. stockholders,	.....	9,330.00	.....	9,330.00
University of Virginia,	.....	.....	15,000.00	15,000.00
School Quotas,	.....	.....	69,252.79	69,252.79
Medical College at Richmond,	.....	.....	10,000.00	10,000.00
Refunding temporary Loan, 1843,	350,000.00	.....	.....	350,000.00
Miscellaneous accounts,	41,009.94	2,737.15	2,972.94	46,720.03

Taxes for 1844.

Town Lots,	$60,912.80	Ferries,	218.81
Lands,	236,344.40	Newspapers,	311.00
251,692 Slaves, at 40c.	100,676.80	Merchants, &c.,	103,455.67
328,323 Horses, at 12½c.	41,040.09	Pedlers,	3,594.00
8,102 Gold Watches, at $1,	8,102.00	Ordinary Keepers,	17,725.16
3,049 Patent Lever and Lepine Silv. Watches, at 50c.	1,924.50	Houses of private entertain't,	3,611.95
		Venders of lottery tickets,	10,000.00
14,512 Silv. Watches, at 25c.	3,628.00	Exhibiters of shows,	360.00
16,049 Metallic Clocks,	8,024.50	Insurance Offices,	1,834.03
36,032 other Clocks,	9,008.00	Owners of stallions,	4,684.00
9,847 Coaches,	24,612.86	Dentists,	245.00
104 Stages,	391.87		$693,324.22
2,561 Carryalls,	2,737.31	Estimated amount of insolvents, overcharges, &c.,	5,500.00
4,936 Gigs,	3,384.68		687,824.22
2,802 Pianos,	4,910.00	Sheriffs' commissions of 5 per cent.,	34,391.21
Gold or Silver Plate,	1,632.47	2½ per cent. for prompt payment, estimated,	12,700.00
Interest on money lent,	14,806.58	Net taxes,	640,733.01
Income, over $400,	5,354.84		
Attorneys,	3,545.00		
Physicians,	3,581.00		
Wills and deeds,	12,490.00		
Bridges,	176,90		

Productive Property of the State.

Bank Stock,	$4,213,700.00	
James River Scrip,	238,000.00	
Loans to corporate companies,	410,540.00	
Stock in corporate companies,	1,439,175.03	$6,301,415.03

Pauperism. — Each county supports its paupers. The Courts divide the counties into districts, not exceeding four, in each of which elections are held triennially for the choice, by the freeholders and housekeepers of the district, of three persons, who are freeholders and residents thereof, to be "overseers of the poor;" they continue in office three years. The Courts fill vacancies in the board of overseers, and elect the overseers in any district where less than ten of the electors shall attend and vote at an election on the day appointed for that purpose. All the overseers of the poor of each county meet annually the 1st Monday in June, "to regulate the necessary provisions to be made for all the poor of the county, as well as to adjust and settle the charges of supporting and maintaining the poor the preceding year, and to levy and assess upon all such taxables of their county as are subject to county levies, and settle the amount of the poor rate upon each such taxable in specie."

"The overseers of each district shall provide for the poor, lame, blind, and other inhabitants of the district not able to maintain themselves, and may also provide houses, nurses, and doctors, in such cases as they, or a majority of them, shall think necessary; the expenses of which shall be provided for in the succeeding levy." They are required to report monthly to the Court "the poor orphans in their district, and such children in the same whose parents they shall judge incapable of supporting them, and bringing them up in honest courses; and the court is authorized to direct the overseers to bind out such poor orphans and children apprentices to such persons as the Court shall approve of, until the age of 21 years if a boy, or 18 years if a girl." Sheriffs collect poor rates. The board has a clerk, who is allowed a sum not exceeding 20 dollars per annum for his services. The overseers are allowed one dollar each, per day, for attending the annual meeting, and are subject to a penalty of two dollars for failing to attend. The Courts have power to provide or build poor-houses and work-houses. The overseers hire out vagrants.

PENITENTIARY.

A Table showing the number of Convicts received into the Penitentiary of Virginia from the time it was opened in 1800, *with the pardons, deaths, escapes, and discharges in each calendar year until the* 30*th of November*, 1844.

By Edward T. Tayloe, Esq.

Year.	No. of white males received.	No. of white females received.	No. of colored males received.	No. of colored females received.	Total No. received, of both colors.	No. pardoned.	No. died.	No. escaped.	No. discharged.	No. in prison on the 1st of January.	No. received for 2d, 3d, and 4th offences.	Pardoned for 1st offence, and afterw'ds convict'd.	Pard. for 2d off. & aft. con.	Sent. for life and pardon'd.	Sent. for life and died.	Under 2d, 3d, and 4th sentences who died.	Under 2d, 3d, and 4th sentences, discharged.	Now in prison for 2d, 3d, and 4th offences.
1800	18	...	3	....	21	....	1	1	....	....	....	....	....	....	....	....	....	....
1801	28	....	5	....	33	....	1	..	10	19	....	....	....	....	....	....	....	....
1802	35	....	8	1	44	....	1	..	16	41	....	....	....	....	....	....	....	....
1803	48	3	4	....	55	3	2	..	31	68	....	....	....	....	....	....	....	....
1804	37	....	4	....	41	1	1	3	33	87	1	....	....	....	....	....	....	....
1805	38	1	9	2	50	....	1	..	21	90	2	....	....	....	....	....	....	....
1806	32	1	7	....	40	5	5	1	34	118	1	....	....	....	....	....	....	....
1807	35	1	16	2	54	18	3	..	22	113	3	....	....	....	....	....	....	....
1808	30	....	7	....	37	11	....	..	29	124	2	....	....	....	....	....	2	....
1809	36	....	4	....	40	8	1	..	31	121	5	....	....	....	....	....	2	....
1810	13	....	8	4	25	11	3	..	20	121	2	....	....	....	....	....	2	....
1811	21	4	5	3	33	10	5	..	18	112	....	....	....	....	....	....	1	....
1812	33	....	16	1	50	34	....	..	11	112	5	1	..	....	....	....	....	....
1813	30	1	19	3	52	17	5	..	33	117	....	2	..	....	....	....	3	....
1814	21	....	12	....	33	23	3	..	15	114	3	2	..	....	....	....	....	....
1815	31	....	13	....	45	9	6	..	14	106	6	....	....	....	....	....	....	....
1816	60	2	10	2	74	9	3	..	26	122	3	....	....	....	....	....	....	....
1817	58	....	19	....	77	16	9	..	39	158	4	3	1	..	....	1	5	....
1818	41	1	17	1	60	9	7	..	47	171	5	....	....	....	....	....	....	....
1819	59	1	17	3	80	12	11	..	34	168	4	....	....	....	1	2	3	....
1820	72	1	16	4	93	20	9	..	44	191	6	....	1	1	....	1	4	....
1821	61	4	14	2	81	13	15	..	55	211	1	1	..	....	....	1	2	....
1822	74	2	24	3	103	20	12	..	60	209	6	....	....	....	....	....	2	....
1823	58	1	24	....	83	12	14	..	66	220	5	1	..	....	....	1	3	....
1824	54	3	4	1	62	15	16	5	45	211	5	1	..	....	1	1	....	....
1825	34	....	....	....	34	1	23	..	47	192	1	....	....	....	2	2	3	....
1826	52	....	....	....	52	6	18	..	33	155	1	....	....	....	1	1	1	....
1827	43	....	....	....	43	4	16	..	28	151	1	....	....	....	....	1	2	....
1828	41	....	8	1	50	6	17	..	21	145	1	....	....	....	....	....	....	....
1829	41	....	12	2	55	4	21	..	24	151	1	....	....	....	....	3	1	....
1830	40	1	14	2	57	4	15	..	25	157	1	....	....	....	....	....	1	....
1831	39	....	9	1	49	5	25	..	22	170	2	....	....	....	1	1	....	1
1832	34	....	7	2	43	12	51	..	20	167	....	....	....	1	....	3	1	....
1833	28	....	9	3	40	15	11	..	24	127	1	....	....	....	....	1	1	1
1834	41	1	10	2	54	9	3	..	20	117	1	1	..	2	....	....	1	....
1835	46	1	13	3	63	2	7	..	22	139	3	....	1	....	....	....	....	1
1836	53	2	8	1	64	4	12	..	35	171	1	....	....	....	....	....	....	1
1837	44	....	26	1	71	13	7	..	37	184	5	....	....	....	....	1	....	2
1838	43	....	12	1	56	7	25	..	41	198	2	....	....	....	1	1	....	2
1839	40	1	16	2	59	9	19	..	34	181	5	1	..	....	3	....	....	5
1840	37	....	14	1	52	10	8	..	30	178	7	....	1	....	....	....	1	6
1841	29	1	19	3	52	6	2	..	28	182	2	....	....	....	....	....	....	2
1842	44	1	11	2	58	9	10	..	28	209	1	....	....	....	....	....	1	1
1843	34	2	16	3	55	7	5	2	37	209	3	....	....	....	....	....	....	3
1844	23	....	10	....	33	4	6	..	41	213	....	....	....	....	....	1	....	3
	1809	36	498	63	2407	413	433	12	1351		108	13	4	4	10	22	42	28

In 1825–27, free persons of color were transported.

Oct. 1st, 1843, there were in prison,		
White men	121	
White women,	5	126
Colored men,	77	
Colored women,	10	87
Total,		213
Received from Oct. 1, 1843, to Sept. 30, 1844,		
White men,	24	
White women,	1	25
Colored men,	8	
Colored women,	1	9
Total,		34
White men pardoned,	2	
" " died,	1	
" " discharged,	28	
" women "	1	32
Colored men died,	1	
" " discharged,	19	
" women pardoned,	2	
" discharged,	2	
" died,	1	25
Total,		57
In prison Sept. 30, 1844:		
White men,	114	
White women,	5	119
Colored men,	65	
Colored women,	6	71
Total,		190

Of the number received into the Penitentiary to Sept. 30, 1844, there were,

For murder, 2d degree,	1
Voluntary manslaughter,	1
Maiming,	1
Unlawful stabbing,	1
Burglary,	2
Burglary and larceny,	2
Horse stealing,	4
Grand larceny,	9
Carrying slaves out of the State,	1
Stealing a negro man,	1
Forgery,	6
Felony,	1
Rape,	1
Passing counterfeit money,	1
Burglary and attempt to commit rape,	1
Aiding slaves to abscond,	1
Total,	34

XIII. NORTH CAROLINA.

GOVERNMENT.

			Salary.
WILLIAM A. GRAHAM,	of Hillsborough,	*Governor*, (term of office, from Jan. 1, 1845, to Jan. 1, 1847,)	A furnished house & $2,000
William Hill,	of Raleigh,	*Secretary of State*,	$800 and fees.
Charles L. Hinton,	of Wake Co.,	*Treasurer*,	1,500
Stephen Birdsall,	of Raleigh,	*Clerk of the Treas. Dept.*,	500
William F. Collins,	of Chatham Co.,	*Comptroller*,	1,000

Council of State.— William D. Britton, of Bertie Co.; James W. Howard, of Jones Co.; Dr. Willie Perry, of Franklin Co.; Nathaniel M. Roan,

of Caswell Co.; James Lowry, of Buncombe Co.; Absalom Myres, of Anson Co.; and Josiah Cowles, of Surry Co.

Pay, $3 *per diem* while in service, and $3 for every 30 miles' travelling.

Burgess S. Gaither, *Speaker of the Senate.*

JUDICIARY.

Supreme Court.

			Salary.
Thomas Ruffin,	of Orange Co.	*Chief Justice,*	$2,500
Frederick Nash,	of Hillsborough,	*Associate Justice,*	2,500
Joseph J. Daniel,	of Halifax,	*do.*	2,500
James Iredell,	of Raleigh,	*Reporter,*	$300, with the copy-right of the Reports.
Edm. B. Freeman,		*Clerk.*	

The Supreme Court holds two sessions in each year, in the City of Raleigh; to wit, on the second Monday in June and the last Monday in December; and continues to sit at each term until all the business on the docket is determined, or continued upon good cause shown. It has power to hear and determine all questions at law, brought before it by appeal from a Superior Court of Law, and to hear and determine all cases in equity, brought before it by appeal from a Court of Equity, or removed there by the parties thereto. It has original and exclusive jurisdiction in repealing letters patent, and also has power to issue writs of *certiorari*, *scire facias*, *habeas corpus*, *mandamus*, and all other writs which may be proper and necessary for the exercise of its jurisdiction.

The Judges of the Supreme and the Superior Courts, are elected by joint ballot of both houses of the General Assembly, hold their offices during good behavior, and, under a provision in the amendments to the constitution of the State, their salaries cannot be diminished during their continuance in office.

Superior or Circuit Courts.

Judges. Salary, $1,950 each.		*Solicitors.*	
Thomas Settle,	of Rockingham.	David Outlaw,	of Bertie Co.
John M. Dick,	of Greensboro'.	Henry S. Clarke,	of Beaufort Co.
D. F. Caldwell,	of Salisbury.	Robert Strange,	of Fayetteville.
R. M. Pearson,	of Davie Co.	Cadwallader Jones, Jr.	of Orange Co.
John L. Bailey,	of Hillsborough.	Hamilton C. Jones,	of Rowan Co.
M. E. Manly,	of Newbern.	Burgess S. Gaither,	of Ashville.
Wm. H. Battle,	of Chapel Hill.		

Spier Whitaker, of Halifax Co., *Attorney General.*

Salary of a Solicitor — $20 for each Court which he attends, besides fees for conviction. The Attorney General receives, in addition, $100 for each term of the Supreme Court which he attends.

The Superior Courts of law and the Courts of equity are holden in each and every county of the State, twice in each year, by the Judges thereof. For this purpose, the State is divided into seven circuits, each of which comprises about ten counties, and the Judges ride these circuits alternately, according to an arrangement agreed upon among themselves, the only restriction imposed upon them in making the arrangements being, that no Judge shall ride the same circuit twice in succession. As Judges of the Superior Courts of Law, they have jurisdiction of all pleas, real, personal, and mixed; of all suits and demands relative to legacies, filial portions, and estates of intestates; and also, of all pleas of the State and criminal matters of what nature, degree, or denomination soever, whether brought before them by original or mesne process, or by *certiorari*, writs of error, appeal from any inferior Court, or by any other way or means whatsoever. As Judges of the Courts of Equity, they have all the jurisdiction and powers appertaining to Courts of Chancery.

FINANCES.

Chief items of Receipt.		*Chief Expenditures.*	
Bank dividends,	$50.00	Wilmington R. R. bonds,	$50,000.00
Int. on Railroad bonds,	1,500.00	Judiciary,	27,681.55
Direct taxes,	78,045.42	Executive officers and exp.	7,231.40
Tax, Bank of the State,	2,243.25	Interest on Railroad bonds,	47,490.00
Bank of Cape Fear,	2,389.00	Public Printing,	560.00
Merchants' Bank of N.,	562.50	Contingencies,	3,518.81
Miscellaneous,	6.00	Governor's election,	1,273.21
		For settling taxes,	1,242.10
Total,	84,796.17	Council of State,	410.70
		Total,	141,407.77

The State owes no public debt.

The receipts of the Literary Fund were $186,052.05; the disbursements $121,722.65; balance due this Fund, $64,329.40.

The receipts of the Internal Improvement Fund, during the year, amounted to $51,741.76; the disbursements to $575.75; leaving a balance on hand, Nov. 1, 1844, of $51,166.01.

XIV. SOUTH CAROLINA.

GOVERNMENT.

		Salary.
WILLIAM AIKEN,	*Governor*, (term expires Dec. 1846,)	$3,500
J. F. Irvin,	of Darlington, *Lieutenant Governor.*	
Robert Q. Pinckney,	of Charleston, *Secretary of State*,	Fees.

William Laval,	of Charleston,	*Comptroller General*,	2,000
B. R. Carroll,	do.	*Treasurer, Lower Division*,	2,000
Francis Burt,	of Pendleton,	*do. Upper Division*,	1,600
Thomas Frean,	of Newberry,	*Surveyor General*,	Fees.
H. Bailey,	of Charleston,	*Attorney General*, 1,100 and	Fees.
W. W. Ancrum,	of Summerville,	*Sup't of Public Works*,	1,500
F. H. Elmore,	of Charleston,	*Pres. Bank of the State of S.C.*	3,000

W. E. Martin, *Clerk of the Senate.*

Thomas W. Glover, of Orangeburg, *Clerk of the House of Rep's.* 1,000

JUDICIARY.

Chancellors in Equity.

		Appointed.	Salary.
Job Johnston,	of Newberry,	1830,	$3,000
William Harper,	of Fairfield,	1835,	3,000
David Johnson,	of Columbia,	1815,	3,500
Benj. Faneuil Dunkin,	of Charleston,	1837,	3,000

Judges of the General Sessions and Common Pleas.

			Appointed.	Salary.
D. L. Wardlaw,	of Abbeville,		1841,	$3,000
John S. Richardson,	of Sumter,		1818,	3,500
Josiah J. Evans,	of Society Hill,		1829,	3,000
Edward Frost,	of Charleston,		1844,	3,000
A. Pickens Butler,	of Edgefield,		1835,	3,000
J. B. O'Neall,	of Newberry,		1835,	3,000
A. H. Speers,	of Laurens,	*State Reporter*,	1841,	1,500

Courts of appeals in Law and Equity for hearing and determining all appeals, and motions in arrest of judgment, and for a new trial, are held in *Columbia*, on the first Monday in May, and on the fourth Monday in November, in every year. A similar Court sits in Charleston, on the 1st Monday in January, for cases brought up from the Courts in the Districts of Georgetown, Horry, Beaufort, Colleton, and Charleston.

The Courts for the correction of Errors, consisting of all the Chancellors, and Judges of the Courts of Law, are held at such time during the sitting of the Courts of Appeal, as the Chancellors and Judges may appoint. Alexander Herbemont, *Clerk of the Court of Appeals.*

FINANCES.

Whole amount received in year ending Sept, 30, 1844,					$306,831.63
Whole amount expended	"	"	"	"	347,704.63
Whole amount of State Debt,		"	"	"	3,021,672.28

Property of the State.

Bank of South Carolina, for capital, . .	$2,966,944.13
" " " " for the Sinking Fund, .	777,984.31
Debt of Railroad and Canal Companies, . .	418,786.54
Shares in L. C. and C. Railroad Co.,	800,000.00
	4,963,714.98

Exhibit of some of the General Taxes for the year ending 30th Sept. 1844.

Districts and Parishes.	No. of Negroes.	Tax on Negroes.	Tax on Goods, Wares, and Merchandise.	Tax on Lots.	Tax on Land.	Total am't of Tax.
LOWER DIVISION.						
All Saints,	4,863	$2,674.65	$1.65	.....	$598.87	3,302.37
Christ Church,	2,423	1,332.65	1.37	$33.15	593.30	1,972.87
Horry,	936	514.80	20.58	13 29	263.21	,837.23
Marion,	5,228	2,875.40	90.75	59.20	493 67	3,591.72
Prince George,	12,078	6,642.90	352.00	348.35	2,132.71	9,770.98
Prince William's,	7,852	4,318 60	17.05	.....	908.51	5,787.64
St. Andrew,	3,342	1,838.10	.....	8.00	569.96	2,423 72
St. Bartholomew's,	12,483	6,865.65	43.72	150.88	1,850.16	9,038.40
St. George, Dorchester,	2,607	1,433.85	2.20	.30	654.16	2,114.15
St. Helena,	7,036	3,869.80	114.40	673 46	556 08	5,295.37
St. James, Goose Creek,	2,695	1,482 25	.55	3.44	767.07	2,282.08
St. James, Santee,	2,524	1,388.20	.....	.....	360.73	1,762.53
St. John's Berkley,	8,963	4,929.65	.....	.....	774.91	5,737.46
St. John's, Colleton,	9,833	5,408.15	55.55	.....	1,108.38	6,621.00
St. Luke's,	7,088	2,898.40	78 92	129.77	1,104 16	5,298.05
St. Paul's,	4,556	2,505.80	1.65	.25	924.78	3,482.03
St. Peter's,	7,811	4,296.05	24.15	4.61	947.60	5,285.71
St. Philip & St. Michael's,	15,184	8,351.20	14,575 66	31,892.60	.....	66,422.87
St. Stephen's,	1,821	1,001.55	7.15	2.38	166.82	1,221.50
St. Thomas & St. Dennis,	2,522	1,387.10	.....	.....	598.05	2,003.35
Williamsburg,	7,311	4,021.05	31.08	9.05	331.61	4,431.19
Total,	129,156	71,035.80	15,418,43	33,328.73	15,704.66	148,682.82
UPPER DIVISION.						
Abbeville,	15,991	8,795.05	355.85	276.31	961.45	10,892.51
Anderson,	6,010	3,305.50	190.30	178.99	369.61	4,169.33
Barnwell,	10,374	5,705.70	178.20	161.55	760.45	7,906.90
Chester,	8,137	4,475.35	354.77	205.26	617.53	5,806.89
Chesterfield,	2,982	1,640.10	307.18	318 19	417.74	2,776.21
Claremont,	12,169	6,692.95	117.97	130.77	631.85	7,756.74
Clarendon,	7,604	4,182.20	24.56	.....	527.20	4,821.26
Darlington,	8,103	4,456 65	151.25	121.13	414 19	5,240.22
Edgefield,	17,406	9,573.30	826.65	660 25	1,413.86	12,824.98
Fairfield,	14,272	7,849.60	251.63	515.45	739.90	9,553.34
Greenville,	5,554	3,055.70	216.70	372.00	334.88	4,123.70
Kershaw,	8,484	4,666.20	651.75	496.21	689.63	6,634.19
Lancaster,	4,219	2,320.45	120.86	96.38	325.46	2,959.65
Laurens,	9,627	5,294.85	157.02	122.75	589.70	6,322.10
Lexington,	4,920	2,706.00	67.89	49.75	595.33	3,476.36
Marlborough,	4,380	2,409.00	86.35	55.25	461.49	3,058.09
Newberry,	10,487	5,767.85	276.65	179.25	606.49	7,119.74
Orange,	6,953	3,824.15	60.64	89.21	537.22	4,588.83
Pickens,	2,963	1,629.65	48.13	27 13	525.56	2,287.45
Richland,	11,046	6,075.30	2,450.08	2,644.53	878.78	12,488.22
St. Mathews,	6,134	3,373.70	29.54	.....	338.17	3,801.72
Spartanburg,	6,152	3,383.60	195.05	144.94	816.84	4,636.78
Union,	8,905	4,897.75	258.79	123.72	594.80	6,048.45
York,	7,191	3,955.05	211.12	211.23	716.32	5,262.07
Total,	200,063	110,034.75	7,597.91	7,200.25	14,854.44	143,745.79

Chief Sources of Income.		*Chief Items of Expenditure.*	
Balance from 1843,	$111,125.82	Salaries of Officers,	$84,349.19
General Taxes,	280,699.41	Legislature,	14,708.80
Dividends on R. R. shares,	22,000.00	Military purposes,	25,863.66
Internal improvement,	1,809.35	Free Schools,	38,329.39
Sale of Books, &c.,	1,044.68	Contingent accounts,	30,005.11
Hamburg lots,	1,045.63	Claims,	17,128.84
		Redemption of debt,	56,483.73
Balance to 1845,	70,252.82	Public buildings,	13,833.34
		Jurors and Constables,	29,398.50

XV. GEORGIA.

GOVERNMENT.

			Salary.
GEORGE W. CRAWFORD, of Richmond Co., *Governor*, (term of office expires, November, 1845,)			$3,000
Nathan C. Barnet,	of Clark Co.,	*Secretary of State*,	1,600
William H. Mitchell,	of Baldwin Co.,	*Treasurer*,	1,600
David E. Bothwell,	of Jefferson Co.,	*Comptroller General*,	1,600
P. M. Compton,	of Butts Co.,	*Surveyor General*,	1,600
John S. Thomas,	of Baldwin Co.,	*Director of the Central Bank.*	
Anderson W. Redding,	of Harris Co.,	*Keeper of the Penitentiary.*	
Jesse H. Campbell,	of Baldwin Co.,	*Com'r of the Deaf and Dumb.*	
Charles Dougherty,	of Clark Co.,	*President of the Senate*,	$5 a day.
Benj. F. Hardeman,	of Oglethorpe Co.,	*Secretary of the Senate*,	500
Charles J. Jenkins,	of Richmond Co.,	*Speaker of H. of Rep.*,	5 a day.
Aug. C. Ferrell,	of Troup Co.,	*Clerk of H. of Rep.*,	500

The pay of the members of the Legislature is $4 a day. The sessions of the Legislature are now held biennially.

JUDICIARY.

The State is divided into eleven Circuits, with a Judge for each.

Charles S. Henry,	of Chatham Co.,	*Judge of the*	Eastern Circuit,	$1,800
John Schley,	of Richmond Co.,	*do.*	Middle do.	1,800
Garnett Andrews,	of Wilkes Co.,	*do.*	Northern do.	1,800
Junius Hillyer,	of Clark Co.,	*do.*	Western do.	1,800
Wm. C. Dawson,	of Greensboro',	*do.*	Ockmulgee do.	1,800
Carlton B. Cole,	of Twiggs Co.,	*do.*	Southern do.	1,800
Edward D. Tracy,	of Bibb Co.,	*do.*	Flint do.	1,800
Joseph Sturgis,	of Muscogee Co.,	*do.*	Chattahoochee do.	1,800

			Salary.
Aug. R. Wright,	of Cass County,	*Judge of the* Cherokee Circuit,	1,800
E. Y. Hill,		*do.* Coweta do.	2,100
Lott Warren,		*do.* Southwestern do.	2,100
John W. Flournoy,		*Attorney General*, $250 and perquisites.	
Wm. B. Fleming,	of Chatham Co.,	*Judge of Court of Oyer and Terminer*, Savannah,	1,000
John W. Wilde,	of Richmond Co.,	*Judge of Court of Oyer and Terminer*, Augusta,	1,000

Inferior Court.— An Inferior Court is held in each county, composed of five justices, elected by the people every four years. These Courts possess the powers of Courts of Probate. The justices have no salary.

XVI. ALABAMA.

Government.

			Salary.
Joshua L. Martin,	of Tuscaloosa,	*Governor*, (term of office expires on the 1st Monday in December, 1847,)	$2,500
William Garrett,		*Secretary of State*,	Fees and 1,200
Jefferson C. Vandyke,		*Comptroller of Public Accounts*,	Fees and 1,000
Samuel G. Frierson,		*State Treasurer*,	Fees and 1,000
Thomas D. Clarke,	of Tuscaloosa,	*Attorney General*,	Fees and 425
James W. Lang,	of Mobile,	*Adj. & Insp. General*,	200
Carter R. Harrison,	of Tuscaloosa,	*Qr. Master General*,	200
A. M. Bradley,	of Wetumpka,	*Warden of Penitentiary*,	1,000

The Secretary of State is elected for two years, and the Comptroller and Treasurer annually; all by a joint vote of the two Houses of the General Assembly.

The *Senate* consists of 33 members, elected for three years, one third annually; the *House of Representatives*, of 100 members, elected annually. The pay of the members of both houses is $4 a day each.

Judiciary.

Supreme Court.

			Salary.
Henry W. Collier,	of Tuscaloosa,	*Chief Justice*,	$2,250
Henry Goldthwaite,	of Mobile,	*Associate Justice*,	2,250
John J. Ormond,	of Tuscaloosa,	*do.*	2,250
Thomas D. Clarke,	of do.,	*Attorney General*,	Fees and 425
James B. Wallace,	of do.,	*Clerk*,	Fees.

The judges of the Supreme and Circuit Courts, and also the Chancellors, are elected by a joint vote of the two Houses of the General Assembly, for six years. The judges are the reporters of their own decisions, and are allowed to print, at their own expense, any number, not exceeding 500, of their reports, to be circulated out of the State.

The Supreme Court has appellate jurisdiction only, — and only upon points of law, taken up from the Circuit or County Courts, by writ of error. This Court sits at Tuscaloosa, the seat of government, on the 1st Mondays of January and June.

Court of Chancery; — established in 1839, *and remodelled in* 1841.

Salary.

Southern Division, Anderson Crenshaw, of Greenville, Butler Co., *Chancellor*, $1,500

This division includes the counties of Mobile, Baldwin, Washington, Clarke, Sumter, Marengo, Monroe, Conecuh, Covington, Butler, Dale, Coffee, Henry, Barbour, Pike, Montgomery, Lowndes, and Wilcox.

Middle Division, James B. Clarke, of Dallas Co., *Chancellor*, $2,000

This division includes the counties of Russell, Chambers, Randolph, Macon, Tallapoosa, Coosa, Autauga, Dallas, Perry, Greene, Tuscaloosa, Pickens, Fayette, Marion, Walker, Jefferson, Bibb, and Shelby.

Northern Division, Alexander Bowie, of Talladega, *Chancellor*, 2,000

This division includes the counties of Lauderdale, Franklin, Lawrence, Limestone, Madison, Morgan, Blount, St. Clair, Marshall, Jackson, DeKalb, Cherokee, Benton, and Talladega.

One session of the Court is held annually in each Division, and the Chancellors are required to alternate with each other, so that neither may preside twice in succession in either Division. A Chancery Court is held in Montgomery, on the 1st Monday in July in each year.

CIRCUIT COURTS.

Judges.	Residence.	Circuit.	Salary.	Attorneys.
John D. Phelan,	Marion,	1st,	$2,000	William M. Brooks,
Ezekiel Pickens,	Selma,	2d,	1,500	F. K. Beck,
Vacancy,		3d,		Thomas D. Clarke,
Daniel Coleman,	Athens,	4th,	1,500	R. D. Walker,
George W. Lane,	Huntsville,	5th,	2,000	W. O. Winston,
John Bragg,	Mobile,	6th,	1,500	John E. Jones,
Samuel Chapman,	Livingston,	7th,	1,500	E. W. Pettus,
George Goldthwaite,	Montgomery,	8th,	1,500	Marion A. Baldwin,
Geo. W. Stone,		9th,	1,500	Thomas G. Garrett,

The Circuit Court has original jurisdiction in all civil and criminal causes in the State; and appellate jurisdiction in all appeals and *certioraris* brought up from inferior tribunals. All Circuit Court judges and chan-

cellors elected after the passage of an Act approved Dec. 29th, 1842, are to receive a salary of $1,500. This accounts for the inequality in the salaries mentioned above. The attorneys receive $250 and fees, except the one in the 1st Circuit, who receives $350 and fees, and the Attorney General, who is attorney for the 3d circuit.

Two Criminal Courts are held in the city of Mobile, by the judge and solicitor of the sixth Circuit, on the 4th Mondays of February and June.

Finances.

Balance in Treasury, November, 1843,	$36,094.79
Received for taxes assessed in 1843,	217,924.53
From all other sources,	25,721.94
Total,	279,744.26

Expenditures.

Pay of the General Assembly,	$30,143.60
On account of public criminals,	14,184.59
Penitentiary,	8,000.00
Census of 1844,	3,676.87
Election returns for President,	1,147.12
Printing and distributing Clay's Digest,	6,763.15
State Printer,	5,052.90
Civil list,	36,846.86
All other items,	14,185.41
	$120,098.50
Balance in the Treasury,	159,645.76
	$279,744 26

The gross amount of State tax in Alabama, for 1843, is $284,926.98, exclusive of the license tax.

The annual report of the State Bank at Tuscaloosa, dated the 30th of November, makes the whole circulation of the State Bank and branches, as follows:—

State Bank at Tuscaloosa,	$736,448.50
Branch at Huntsville,	49,210.00
Branch at Montgomery,	423,692.00
Branch at Decatur,	497,875.00
Branch at Mobile,	1,354,744.00
	$3,061,969,50
Deduct from the notes on hand in the several branches,	94,141.00
Total amount of notes in circulation,	$2,967,828.50

The amount of State debt, (all for banking capital,) was as follows:—

	Principal.	Interest.
Tuscaloosa,	$708,711.11	$36,435.56
Mobile,	3,444,711.11	175,435.56
Montgomery,	1,840,711.11	95,365.56
Huntsville,	1,357,711.11	69,785.56
Decatur,	1,867,711.11	94,975.56
	$9,215,555.55	$471,907.80

There are also $600,000 of State bonds of two fifths of the capital stock of the Bank of Mobile, bearing 6 per cent. interest, to be paid by the bank.

CENSUS OF ALABAMA FOR 1844.

Autauga,	14,038	Fayette,	7,705	Montgomery,	27,870
Baldwin,	——	Franklin,	17,710	Morgan,	7,975
Barbour,	14,630	Greene,	27,486	Perry,	21,085
Benton,	14,200	Henry,	8,308	Pickens,	17,924
Bibb,	7,970	Jackson,	13,303	Pike,	10,164
Blount,	6,253	Jefferson,	7,694	Randolph,	8,141
Butler,	8,979	Lauderdale,	15,313	Russell,	18,012
Chambers,	22,487	Lawrence,	12,794	Shelby,	8,359
Cherokee,	9,951	Limestone,	15,365	St. Clair,	5,643
Clarke,	9,341	Lowndes,	20,856	Sumter,	——
Coffee,	4,373	Macon,	17,976	Talladega,	14,915
Conecuh,	9,320	Madison,	25 561	Tallapoosa,	10,517
Coosa,	9,715	Marengo,	24,350	Tuscaloosa,	16,094
Covington,	2,754	Marion,	6,755	Walker,	5,415
Dale,	5,215	Marshall,	8,017	Washington,	6,208
Dallas,	26,688	Mobile,	17,418	Wilcox,	16,418
DeKalb,	6,781	Monroe,	10,532		

Recapitulation.

White males under 21 years,	110,917	
" " over " "	75,341	
" females under " "	107,181	
" " over " "	64,182	
	——	357,621
Slaves,		265,147
Free persons of color,		2,059
Total population,		624,827
Increase of whites since 1838,	66,365	
" of slaves, " "	39,219	
" of free colored " "	166	

XVII. MISSISSIPPI.

GOVERNMENT.

		Salary.
ALBERT G. BROWN,	*Governor*, (term of office from January, 1844, to January 8, 1846,)	$3,000
Wilson Hemingway,	*Secretary of State*, (term ends Nov. 1845,)	$1,200
William Clark,	*State Treasurer*, do.	1,500
James E. Matthews,	*Auditor of Public Accounts*,	1,500
James M. Lewis,	*Keeper of the Capitol & Librarian*,	500
Benj. G. Wier,	*Keeper of the Penitentiary*,	1,500

JUDICIARY.

High Court of Errors and Appeals.

			Term ends.	Salary.
William L. Sharkey,	of Vicksburg,	*Presiding Judge*,	Nov. 1847,	$3,000
Alexander M. Clayton,		*Judge*,	do. 1845,	3,000
J. S. B. Thatcher,	of Natchez,	*do.*	do. 1849,	3,000
John D. Freeman,	of Jackson,	*Attorney Gen.*,	do. 1845,	1,000
John M. Duffield,	do.	*Clerk*,		Fees.

This Court, which has no jurisdiction except what properly belongs to a Court of Errors and Appeals, holds its sessions annually at Jackson, commencing on the 1st Mondays in January and November.

Superior Court of Chancery.

		Term ends.	Salary.
Robert H. Buckner, of Hinds Co.,	*Chancellor*,	Nov. 1845,	$2,500
Robert Hughes, of Jackson,	*Clerk.*		

This Court, which has jurisdiction over all matters, pleas, and complaints whatsoever, belonging to, or cognizable in, a Court of Equity, holds two sessions annually, at the city of Jackson, on the 1st Mondays of December and June, and continuing as long as business requires.

District Chancery Court.

			Term ends.	Salary.
Joseph W. Chalmers,	*Vice Chancellor*,		Nov. 1847,	$2,000
M. McCarthy,	*Clerk*,	at Columbus,		Fees.
M. N. W. Smith,	*do.*	at Fulton,		do.
James C. Alderson,	*do.*	at Holly Springs,		do.
W. Hemingway,	*do.*	at Carrollton,		do.

Time of holding Court.

For the counties of Lowndes, Winston, Octibbeha, Kemper, Noxubee,

and Neshoba, 1st Monday in May and November. For the counties of Itawamba, Pontotoc, Monroe, Chickasaw, and Tishamingo, 3d Monday in May and November. For the counties of Marshall, Coahoma, Tippah, De Soto, Ponola, Lafayette, and Tunica, 1st Monday in January and July. For the counties of Carroll, Choctaw, Holmes, Yalabusha, and Tallahatchie, 3d Monday in June and December.

This Court has concurrent power and jurisdiction within the district with the Superior Court of Chancery, when the amount in controversy does not exceed $500,000. The Vice Chancellor is elected for the term of 4 years, and appoints the Clerks, who hold their office for 4 years; he must be at least 30 years of age. Appeals may be made to the Superior Court of Chancery, unless by consent of both parties, when the same may be taken directly to the High Court of Errors and Appeals.

District or Circuit Courts.

The Judicial divisions were reörganized in 1840, and formed into 11 Districts, or Circuits. The salary of the Judges is $2,000 each.

Dist. Judges.	District Attorneys.	Counties of the Districts.
1. George Coalter,	Elbridge G. Walker,	Warren, Claiborne, Washington, and Bolivar.
2. B. F. Caruthers,	G. F. Neill,	Yalabusha, Carroll, Choctaw, and Tallahatchie.
3. C. C. Cage,	Stanhope Posey,	Adams, Wilkinson, and Jefferson.
4. T. A. Willis,	E. G. Peyton,	Smith, Copiah, Simpson, Scott, Newton, and Neshoba.
5. Henry Mounger,	John Watts,	Jackson, Jones, Green, Perry, Wayne, Jasper, Clarke, and Lauderdale.
6. H. S. Bennett,	Henry Gray,	Noxubee, Lowndes, Kemper, Winston, and Octibbeha.
7. J. H. Rollins,	Franklin Smith,	Hinds, Madison, and Rankin.
8. Jas. M. Howry,	George A. Wilson,	De Soto, Coahoma, Tunica, Ponola, Lafayette, and Marshall.
9. Stephen Adams,	John W. Thompson,	Monroe, Itawamba, Tishamingo, Pontotoc, Chickasaw, and Tippah.
10. M. L. Fitch,	Robert C. Perry,	Yazoo, Holmes, Attala, and Leake.
11. V. T. Crawford,	John T. Lamkin,	Hancock, Marion, Pike, Amite, Franklin. Lawrence and Covington.

After November, 1845, there will be but 7 districts; to wit, — 1*st District*, Wilkinson, Adams, Jefferson, Franklin, Amite, and Claiborne; 2*d District*, Copiah, Pike, Lawrence, Marion, Hancock, Simpson, Covington, Harrison, Smith, Rankin, and Scott; 3*d District*, Tunica, Coahoma, Bolivar, Washington, Warren, Hinds, Issaquena, and Sunflower; 4*th District*, Jasper, Newton, Jackson, Jones, Greene, Perry, Wayne, Clarke, Lauderdale, Neshoba, and Kemper; 5*th District*, Yazoo, Madison, Holmes, Attala, Winston, Noxubee, and Leake; 6*th District*, Monroe, Lowndes, Octibbeha, Choctaw, Yalabusha, Tallahatchie, Carroll, and Chickasaw; 7*th District*, De Soto, Marshall, Tippah, Tishamingo, Itawamba, Pontotoc, Lafayette, and Ponola.

A Circuit Court is holden in each county twice a year. This Court has original jurisdiction, in civil cases, in which the principal of the sum in controversy exceeds $50. It has chancery jurisdiction in all cases under $500; and has power to foreclose mortgages, without limit as to the sum. It has also exclusive criminal jurisdiction.

Adams,	1st	Monday	in	May and November,	may	continue	24	judicial	days.			
Amite,	1st	"	"	March and September,	"	"	12	"	"			
Franklin,	3d	"	"	"	"	"	"	"	12	"	"	
Claiborne,	1st	"	"	April and October,	"	"	12	"	"			
Jefferson,	3d	"	"	"	"	"	"	"	12	"	"	
Wilkinson,	1st	"	"	June and December,	"	"	18	"	"			
Harrison,	1st	"	"	March and September,	"	"	6	"	"			
Hancock,	2d	"	"	"	"	"	"	"	6	"	"	
Marion,	3d	"	"	"	"	"	"	"	6	"	"	
Pike,	4th	"	"	"	"	"	"	"	6	"	"	
Lawrence,	1st	"	"	April and October,	"	"	6	"	"			
Covington,	2d	"	"	"	"	"	"	"	6	"	"	
Smith,	3d	"	"	"	"	"	"	"	6	"	"	
Scott,	4th	"	"	"	"	"	"	"	6	"	"	
Rankin,	1st	"	"	May and November,	"	"	6	"	"			
Simpson,	2d	"	"	"	"	"	6	"	"			
Copiah,	3d	"	"	"	"	"	"	"	12	"	"	
Hinds,	2d	"	"	April and October,	"	"	24	"	"			
Leake,	4th	"	"	March and September,	"	"	6	"	"			
Winston,	2d	"	"	"	"	"	"	"	6	"	"	
Noxubee,	1st	"	"	"	"	"	"	"	6	"	"	
Attala,	3d	"	"	"	"	"	"	"	6	"	"	
Holmes,	5th	"	*	"	April and October,	"	"	18	"	"		
Yazoo,	1st	"	*	"	"	"	"	"	24	"	"	
Carroll,	2d	"	"	May and November,	"	"	12	"	"			
Tallahatchie,	3d	"	"	February and August,	"	"	6	"	"			
Yallabusha,	4th	"	"	"	"	"	"	"	12	"	"	
Choctaw,	2d	"	"	March and September,	"	"	12	"	"			
Octibbeha,	1st	"	*	"	"	"	"	"	6	"	"	
Lowndes,	2d	"	*	"	"	"	"	"	12	"	"	
Monroe,	4th	"	*	"	"	"	"	"	12	"	"	
Warren,	4th	"	"	May and November,	"	"	24	"	"			
Washington,	4th	"	"	March and September,	"	"	6	"	"			
Bolivar,	3d	"	"	"	"	"	"	"	6	"	"	
Tunica,	1st	"	"	"	"	"	"	"	6	"	"	
Lauderdale,	1st	"	"	"	"	"	"	"	6	"	"	
Kemper,	2d	"	"	"	"	"	"	"	6	"	"	
Newton,	4th	"	"	"	"	"	"	"	6	"	"	
Neshoba,	3d	"	"	"	"	"	"	"	6	"	"	
Jasper,	1st	"	"	April and October,	"	"	6	"	"			
Clarke,	2d	"	"	"	"	"	"	"	6	"	"	
Wayne,	3d	"	"	"	"	"	"	"	6	"	"	
Jones,	4th	"	"	"	"	"	"	"	6	"	"	
Perry,	2d	"	"	May and November,	"	"	6	"	"			
Jackson,	3d	"	"	"	"	"	"	"	6	"	"	
Greene,	4th	"	"	"	"	"	"	"	6	"	"	
Madison,	1st	"	"	April and October,	"	"	24	"	"			
Tishamingo,	1st	"	"	March and September,	"	"	6	"	"			
Itawamba,	2d	"	"	"	"	"	6	"	"			
Pontotoc,	3d	"	"	"	"	"	"	"	6	"	"	
Tippah,	4th	"	"	"	"	"	"	"	12	"	"	
Lafayette,	2d	"	*	"	"	"	"	"	12	"	"	
Panola,	4th	"	*	"	"	"	"	"	12	"	"	
De Soto,	6th	"	*	"	"	"	"	"	12	"	"	
Marshall,	1st	"	"	June and December,	"	"	24	"	"			
Issaquena,	3d	"	"	April and October,	"	"	6	"	"			
Sunflower,	4th	"	"	March and September,	"	"	6	"	"			
Coahoma,	2d	"	"	"	"	"	"	"	6	"	"	

* After the 4th Monday of

Judges of the High Court of Errors and Appeals, and the Chancellor, are chosen by the electors for six years; the Judges of the Circuit Courts, Attorney General, and District Attorneys, as well as all military officers, are chosen by the electors for four years; all other officers, for two years.

XVIII. LOUISIANA.

GOVERNMENT.

			Salary.
ALEXANDER MOUTON,	of Vermillionville,	*Governor*, (from January 4th, 1843, to January 4th, 1847,)	$6,000
Robert C. Nicholas,	of St. James,	*Secretary of State*,	2,000
William Debuys,	of New Orleans,	*Treasurer*,	4,800
A. Phelps,		*Surveyor General*,	600
John S. Armant,	of St. James,	*Adj. and Inspector General*,	2,000
Isaac T. Preston,	of Jefferson,	*Attorney General*,	3,000
Raphael Toledano,		*Auditor of Auction Accounts*,	2,500
Lieut. P. O. Herbert,		*State Engineer*,	3,500
Felix Garcia,	of German Coast Co.,	*Pres. of the Senate*,	$4 a day.

The Senate consists of 17 members, elected one half biennially, for the term of 4 years. The House of Representatives has 60 members, elected biennially. The legislature meets annually, and the members of both branches receive $4 a day during the session, which usually lasts 90 or 100 days. The Secretary of State and State Treasurer are *ex officio* members, and form the *Board of Currency*, with an additional salary of $1,200.

JUDICIARY.

Supreme Court.

			Salary.
Francois X. Martin,	of New Orleans,	*Judge*,	$5,000
Alonzo Morphy,	do.	*do.*	5,000
Henry A. Bullard,	of Alexandria,	*do.*	5,000
Edward Simon,	Western District,	*do.*	5,000
Rice Garland,	do.	*do.*	5,000
Charles Durocher,	*Clerk* at New Orleans,		Fees.
Stephen E. Curry,	*do.* Alexandria,		Fees.
Merit M. Robinson,	*Reporter*,		Perquisites.

This Court has *appellate jurisdiction only* in all cases where the matter in dispute exceeds $300.

District Courts.

			Salary.
A. M. Buchanan,	of New Orleans,	*Judge*, 1*st District*,	$4,000
Thomas C. Nichols,	of Donaldsonville,	*do.* 2*d do.*	2,500
Isaac Johnson,	of St. Francisville,	*do.* 3*d do.*	2,500
Horace F. Diblieux,	of Plaquemine,	*do.* 4*th do.*	2,500
George R. King,	of Opelousas,	*do.* 5*th do.*	2,500

			Salary.
H. Boyces,	of Rapides,	*Judge*, 6*th District*,	2,500
E. K. Wilson,	of Monroe,	*do.* 7*th do.*	2,500
Jesse R. Jones,	of Covington,	*do.* 8*th do.*	2,500
Thomas Curry,	of Vidalia,	*do.* 9*th do.*	2,500
James G. Campbell,	of Natchitoches,	*do.* 10*th do.*	2,500

These Courts, except in the 1st District, hold two terms annually. They exercise criminal jurisdiction, except in the 1st District, where it is transferred to the Criminal Court.

New Orleans Courts.

Parish Court. — Charles Maurian, *Parish Judge*,	$3,000
Commercial Court. — Charles Watts, *Judge*,	4,000
Court of Probate. — Joachim Bermudez, *Judge*,	3,500
City Court. — Thomas W. Collens, *Presiding Judge*,	3,000
Criminal Court. — 1st District, John Francois Canonge, *Judge*,	3,000

These Courts, and that of the 1st District, hold sessions for 8 months in the year. The City Court is required to be open every day, except Sundays and holydays, in the year.

Court of Errors and Appeals in Criminal Cases.

Thomas C. Nichols, (Judge of 2d District,) Isaac Johnson, (do. 3d do.) George R. King, (do. 5th do.)	} *Judges*,	$500

This Court has *appellate jurisdiction only*, and is required to hold two sessions annually in New Orleans, commencing the first Monday of February and July of each year.

Change of the Constitution. — A convention to prepare a new constitution was held in May, 1845, and having formed such an instrument, and accepted it by a vote of 54 to 15, it will be submitted to the people for adoption in November, 1845. This constitution prohibits the establishment of the seat of government at New Orleans, or at any place within 60 miles of that city. The proposed changes are —

"An extension of the right of suffrage to all white males above twenty-one, who have resided two consecutive years in the State, and destroying the property qualification. No naturalized citizen to vote until *two years after he becomes a citizen.*

"The life tenure of the Judges is abolished; those of the Supreme Court are to be appointed for eight years, and of the lower courts for six years.

"Sheriffs, coroners, clerks of court, and justices of the peace to be elected by the people.

"Biennial sessions of the Legislature, and the period of the session limited to sixty days.

"The Legislature is prohibited from granting any bank charters, or renewing any now in existence; it is prohibited also from loaning the

credit of the State, or borrowing money, except in case of war, invasion, or insurrection.

"The Governor, Lieutenant Governor, and Senate, are to be elected for four years; the members of the House for two years.

"All citizens are disfranchised, both as to voting and holding office, who may fight, or in any way be connected with fighting, a duel, either *in* or *out* of the State.

"Future changes in the constitution are to be made by a vote of two successive Legislatures, and subsequently to be approved by a majority of all the qualified voters of the State; the first vote of the Legislature to be at least three fifths of both Houses."

XIX. ARKANSAS.

GOVERNMENT.

			Salary.
THOMAS S. DREW, of Little Rock,		*Governor*,	
(term of office expires November, 1848,)			$1,800
David B. Greer,	of Little Rock,	*Secretary of State*,	Perquisites & 600
Elias N. Conway,	do.	*Auditor of Public Accounts*,	1,500
Jared C. Martin,	of Pulaski Co.,	*Treasurer*,	800
Lamb. J. Reardon,	of Little Rock,	*Land Agent*,	500
John Williamson,		*President of the Senate.*	$6 a day.
John S. Roane,		*Speaker of the House.*	$6 a day.

Members of the Legislature receive $3 a day during the session, and for every 25 miles of travel.

Supreme Court.

			Term ends.	Salary.
Thomas Johnson,	of Saline Co.,	*Chief Justice*,	1852,	$1,500
Edward Cross,	of Washington,	*Associate Justice*,	1848,	1,500
Williamson S. Oldham,	of Washing'n Co.,	*do.*	1850,	1,500
George C. Watkins,	of Little Rock,	*Attorney General*,		600
Luke E. Barber,	do.	*Clerk*,		Fees.
Albert Pike,	of Little Rock,	*Reporter*,		200

Circuit Court.

	Judges.	Salary.	Prosecuting Attorneys.	Salary.
1st Circuit,	John T. Jones,	$1,000	N. M. Foster,	Fees & $300
2d do.	Wm. H. Sutton,	1,000	Joseph W. Bocage,	" 300
3d do.	Wm. Conway,	1,000	A. R. Porter,	" 300
4th do.	Sebron G. Sneed,	1,000	A. B. Greenwood,	" 300
5th do.	John J. Clendenin,	1,000	George C. Watkins,	600
6th do.	George Conway,	1,000	Allen W. Blevins,	" 300
7th do.	Rich. C. S. Brown,	1,000	Jonas M. Tibbatts,	" 300

The Supreme Court has appellate jurisdiction only, except in particular cases pointed out by the constitution; it holds, annually, two terms, at Little Rock, in April and October. The judges are elected by the General Assembly, by a joint vote of both Houses, for eight years.

The Circuit Court has original jurisdiction over all criminal cases, which are not otherwise provided for by law; and exclusive original jurisdiction of all crimes amounting to felony at the common law; and original jurisdiction of all civil cases which are not cognizable before Justices of the Peace, until otherwise directed by the General Assembly; and original jurisdiction in all matters of contract, where the sum in controversy is over one hundred dollars. It holds annually two terms in each circuit. The Judges are elected by the General Assembly, for a term of 4 years.

Finances. — From a communication in the Arkansas State Gazette, said to be from high authority, we extract the following particulars respecting the financial condition of the State:

"The Auditor's estimate of revenue into the State Treasury for the two fiscal years commencing with the 1st of October, 1842, and ending the 30th of September, 1844, was $77,000. The actual receipts for the said two fiscal years were $49,640.22; which shows a difference between the estimate and the actual receipts of the large sum of $27,359.78. The expenditures for the same two years were $164,415.75, exceeding the receipts by the sum of $114,775.53; and this last mentioned sum was supplied by abstracting its amount out of the capital of the State Bank in an appropriation bill. In the year 1844, the whole of the actual receipts into the State Treasury, commencing with the 1st of January, and ending with the 31st of December, were only $21,676.27; which sum was collected in depreciated paper, at 50 per cent. discount, and more than two thirds of it were paid by ten counties out of forty-five. Hereafter, the taxes are to be collected in gold and silver, or State scrip, or treasury notes; and as it is an ad valorem tax, the annual receipts will not exceed $16,000, and it will consequently be below the expenditures by about $14,000.

"The undisputed and unpaid interest due on the State bonds, on the 1st day of January, 1845, amounted to the large sum of $544,570, and will be daily accumulating for the next twenty years, at the rate of $160,250 a year, a large portion of which is payable in London, and the balance in New York. This calculation does not include the interest on 500 bonds, amounting to $500,000, which were issued for one of the banks, and were disposed of by it, but which have been repudiated by the State.

XX. TENNESSEE.

GOVERNMENT.

		Salary.
AARON V. BROWN,	of Pulaski, *Governor*, (term of office expires Oct. 1847,)	$2,000
John S. Young,	*Secretary of State*,	$750 and fees.
Matthew Nelson,	*Treasurer, & Sup't of Public Instruction*,	1,500
Felix K. Zollicoffer,	*Comptroller*,	2,000
West H. Humphreys,	*Attorney General, & Reporter*,	1,000
Gerard Troost,	*State Geologist*,	500

The legislature consists of a *Senate* of 25 members, and a *House of Representatives* of 75 members; all elected for two years. The members of the present legislature were elected in August, 1845. Pay of the Senators and Representatives, $4 per day.

The Judges of the Supreme Court are elected by a joint vote of the two Houses of the General Assembly, for the term of 12 years; and those of the inferior courts, in the same manner, for the term of 8 years.

JUDICIARY.

Supreme Court.

			Salary.
William B. Turley,	of Jackson,	*Judge, Western Division*,	$1,800
William B. Reese,	of Knoxville,	*do. Eastern do.*	1,800
Nathan Green,	of Winchester,	*do. Middle do.*	1,800

Court of Chancery.

Andrew Mc Campbell,	of Paris,	*Chancellor, Western Division*,	$1,500
Tho's L. Williams,	of Knoxville,	*do. Eastern do.*	1,500
Terry H. Cahal,	of Columbia,	*do. Middle do.*	1,500
Bromfield L. Ridley,	of McMinnville,	*do. Fourth do.*	1,500

Circuit Courts. — The State comprises 14 circuits, and the judges were elected in January, 1836. Salary of each judge, $1,500.

1. Seth J. W. Lucky, of Jonesborough.
2. Eben'r Alexander, of Knoxville.
3. John O. Cannon, of Madisonville.
4. Abraham Caruthers, of Carthage.
5. Samuel Anderson, of Murfreesboro'.
6. Thomas Maney, of Nashville.
7. Mortimer A. Martin, of Clarksville.
8. Edm. Dillahunty, of Columbia.
9. William R. Harris, of Paris.
10. John Read, of Jackson.
11. Wm. C. Dunlap, of Bolivar.
12. R. M. Anderson, of New Market.
13. A. J. Marchbanks, of McMinnville.
14. Benj. C. Totten, of Huntingdon.

Criminal Court of Davidson County.

			Salary.
William K. Turner,	of Nashville,	*Judge*,	$1,000

Criminal Court of Shelby County.

Ephraim W. King,	of Memphis,	*Judge*,	$500

FINANCES.

Total amount received in 1844,	$271,823.08
Total amount expended in 1844,	261,416.26
Whole amount of State debt,	3,244,416.66⅔
Annual interest on this debt,	172,853.75

Principal items of Expenditure.		*Chief sources of Income.*	
Pay of the Legislature,	$64,667.56	Direct taxes on property,	$64,756.48
Incid'al exp. of Legislature,	5,830.22	" " on privileges,	66,609 87
Salaries of the Judiciary,	37,391.68	" " on banks, &c.,	15,250.00
Incidental exp. of Judiciary,	2,035.49	Entries of public lands,	5.782.24
Salaries of Ex. officers,	8,462 59	Div. of State Bank,	18,000.00
Costs of State prosecut'ns,	30,833.45	Do for Com'n Schools,	100,000.00
Common Schools,	47,613.97	Miscellaneous,	1.424.49
Academies,	22,320.00		
Internal Improvements,	20,461.12	Total income,	271,823.08
Charitable Institutions,	10,859.58	Total expenditure,	261,416.26
Miscellaneous,	8,506.02		
		Excess of inc. over exp.	10,406.82
Total,	261,416.26	Am't in Treas'y, Oct. '43,	38,875.21
		Bal. in Treas'y, Oct. '44,	49,282.03

Taxable Property.

The value of all taxable property in Tennessee, in the year 1844, was as follows:—

Value of Land,	$63,176,313.00	Stocks in corporations,	$828,087.00
" " Town Lots,	8,156,446 00	Plate, Jewelry, &c.,	446,102.00
" " Slaves,	37,481,896 00		
Pleasure carriages,	363,466.00	Total value,	113,241,292.00
Money used in purchasing bills at a greater discount than 6 per cent.,	2,788,662.00		

Total value of property,	$113,241,292.00,	taxed	$84,930.96
Total number of white polls,	88,065,	"	11,008.12
Total tax on property and polls,			95,939.08

The School Fund amounts to the sum of	$884,042.81
Amount distributed 3d Monday in July, 1845,	117,346.47

The Scholastic population at that time numbered 252,358.

XXI. KENTUCKY.

GOVERNMENT.

			Salary.
WILLIAM OWSLEY,	of Boyle Co.,	*Governor*, (term of office expires in September, 1848,)	$2,500
Archibald Dixon,	of Henderson Co.,	*Lieut. Governor and Speaker of the Senate.* Pay, $6 a day, while presiding.	
Benj. Hardin,	of Frankfort,	*Secretary of State*,	$750
Harry J. Bodley,	do.	*Auditor of Public Accounts*,	1,250
Thomas S. Page,	do.	*2d Auditor*,	1,500
James Robertson,	do.	*Register of the Land Office*,	1,250
James Davidson,	do.	*Treasurer*,	1,250
Craig & Henry,	do.	*Keepers of the Penitentiary*, (⅛ the profits.)	
Peter Dudley,	do.	*Adjutant General*,	150
Ambrose W. Dudley,	do.	*Quartermaster General*,	100
George A. Robertson,	do.	*State Librarian*,	250
Ryland T. Dillard,	do.	*Sup. of Public Instruction*,	750
C. S. Morland,	do.	*Speaker of the House.*	$6 a day.
James Stonestreet,		*Clerk of the Senate*,	$10 a day.
Thomas J. Helm,		*Clerk of the House*,	$10 a day.

The *Senate* consists of 38 members, elected for four years, one fourth being elected every year. The *House of Representatives* consists of 100, elected annually on the 1st Monday in August. Pay, $3 a day, for the first sixty days, and $2 a day afterwards, besides mileage of 12½ cents per mile.

JUDICIARY.

Court of Appeals.

			Salary.
Ephraim M. Ewing,	of Russellville,	*Chief Justice*,	$1,500
Daniel Breck,	of Richmond,	*Judge*,	1,500
Thomas A. Marshall,	of Lexington,	*do.*	1,500
Jacob Swigert,	of Frankfort,	*Clerk*,	Fees.
Owen G. Cates,	do.	*Attorney Gen.*,	$300 and fees.
James C. Coleman,	do.	*Serjeant*,	$2 a day & fees.
Benjamin Monroe,	do.	*Reporter.*	

This Court has appellate jurisdiction only, in civil cases, both at law and in equity. In criminal cases, the judgments of the Circuit Courts are final, excepting only the power of the Governor to pardon, which is unlimited, except in cases of treason and impeachment.

General Court.

			Salary.
John L. Bridges,	of Danville,	*Judges*,	$1,300
Mason Brown,	of Frankfort,		1,200
A. H. Rennick,	do.	*Clerk*,	Fees.
Joseph Gray,	do.	*Serjeant*,	Fees.

Louisville Chancery Court.

			Salary.
Samuel S. Nicholas,	of Louisville,	*Chancellor*,	$2,000
Charles J. Clarke,	do.	*Clerk*,	Fees.
Joseph Mayo,	do.	*Master*,	Fees.
John A. Crittenden,	do.	*Marshal*,	Fees.

Circuit Courts.

The State is divided into nineteen Circuits or Districts, and the following are the Circuit Judges, who have each a salary of $1,200, except the Judge of the 5th Circuit, at Louisville, who receives $1,500, and the Judge of the 12th, $1,300. These Courts have original jurisdiction, both at law and in equity, and over criminal cases arising in their respective Circuits. Each Circuit has an attorney, who receives $300 and fees.

Judges.	*Residence.*	*Attorneys.*	*Residence.*
1. Walker Reid,	Washington.	Harrison Taylor,	Washington.
2. Henry O. Brown,	Cynthiana.	Samuel T. Hauser,	Falmouth.
3. Richard A. Buckner, Jr.	Lexington.	Alex. H. Robertson,	Lexington.
4. James Pryor,	Carrollton.	Richard Logan,	Carrollton.
5. John J. Marshall,	Louisville.	Nathaniel Wolffe,	Louisville.
6. Asher W. Graham,	Bowling Green.	William V. Loring,	Bowling Green.
7. Benj. Shackleford,	Hopkinsville.	John McLarning,	Hopkinsville.
8. Christopher Tompkins,	Glasgow.	Zachariah Wheat,	Columbia.
9. Samuel Lusk,	Lancaster.	George Shanklin,	Nicholasville.
10. James Simpson,	Winchester.	Robert C. Clarke,	Winchester.
11. Kenaz Farrow,	Mount Sterling.	Walter C. Chiles,	Mt. Sterling.
12. John L. Bridges,	Danville.	John B. Thompson,	Harrodsburg.
13. Armist. H. Churchill,	Elizabethtown.	Thos. W. Riley,	Bardstown.
14. John Calhoun,	Hardinsburg.	Alfred Allen,	Hardinsburg.
15. Tunstall Quarles,	Whitley C. H.	Wm. B. Moore,	Mount Vernon.
16. Wiley P. Fowler,	Smithland.	James Husbands,	Smithland.
17. Mason Brown,	Frankfort.	Thos. L. Crittenden,	Frankfort.
18. Richard A. Buckner,	Greensburgh.	Wm. R. McFerrin,	Glasgow.
19. Vacancy.		Green V. Goble,	Louisa.

BOARD OF INTERNAL IMPROVEMENT.

			Salary.
Thomas Metcalfe,	of Nicholas,	*President*,	$1,000
James Davidson,*	of Frankfort,	*State Treasurer*,	100
Austin P. Cox,*	do.	*Secretary*,	500

* Members *ex officio*.

The Governor is authorized to make such temporary appointments of Engineers, as may be deemed expedient by the Board.

Finances.

The State debt is $4,269,000, of which $615,000 is at the rate of 5 per cent., and the balance at 6 per cent. interest. The debt was created for purposes of Internal Improvement. The Commissioners of the Sinking Fund have promptly paid the interest on the debt. The *Commissioners of the Sinking Fund* are W. Owsley, *Governor and Chairman ex officio;* John Tilford, *President of the Northern Bank of Kentucky;* Virgil McKnight, *President of the Bank of Kentucky;* Thomas S. Page, 2d *Auditor of the State;* E. H. Taylor, Esq.; and A. S. Mitchell, *Secretary*.

Banks. There are three principal Banks. (1.) The Bank of Kentucky, at Louisville; capital, $3,700,000, of which the State owns 7,239 shares, of $100 each. It has branches at Lexington, Maysville, Danville, Greensburgh, Hopkinsville, Frankfort, and Bowling Green. Virgil McKnight, *President*, and George C. Gwathmey, *Cashier*. (2.) Northern Bank of Kentucky, at Lexington; capital, $2,237,400. John Tilford, *President;* M. T. Scott, *Cashier*. It has branches at Paris, Richmond, Covington, and Louisville. The State owns 2,540 shares, at $100 each. (3.) Bank of Louisville; capital, $1,083,000, branches at Paducah and Flemingsburgh. The State owns 406 shares. Value of taxable property, in 1844, $217,723,996; white males over 21, in 1844, 127,931. Total revenue, $343,617.76, exclusive of Bank stocks, tolls on rivers and roads, and profits of the Penitentiary. Surplus in the Treasury, Oct. 10, 1844, $41,114.30.

Board of Education.

Ryland T. Dillard, of Lexington, *Superintendent of Public Instruction, and Chairman ex officio*. Salary, $750 and expenses. Benj. Hardin, *Secretary of State*, and Owen G. Cates, *Attorney General*, members *ex officio*.

State Institutions. — *Lunatic Asylum*, at Lexington, founded in 1822.

Average number of inmates during 1844,	183
Deaf and Dumb Asylum, at Danville, founded in 1822. Pupils,	37
School for the Blind, at Louisville, founded in 1842. Pupils,	22
Penitentiary, established in 1798. Number of convicts in 1844,	151

XXII. OHIO.

GOVERNMENT.

		Salary.
MORDECAI BARTLEY, *Governor*, (term of office expires on the 1st Monday in December, 1846,)		$1,000
Samuel Galloway, of Ross Co.,	*Sec. of State, & Sup't of Schools*,	900
John Woods, of Butler Co.,	*Auditor of State*,	730
Joseph Whitehill, of Warren Co.,	*Treasurer of State*,	730
James McBride,	*Chief Clerk in Dep't of Public Works*,	550
Demas Adams,	*Chief Clerk in the Auditor's Office*,	700
John Patterson,	*Warden of the State Penitentiary*,	800
Thomas Mosely,	*Adjutant General*,	100
W. F. Sanderson,	*Quartermaster General*,	100
John Greiner,	*Librarian of the State Library*,	400

Commissioners of the Board of Public Works.

		Salary.
Oran Follett,	of Sandusky City,	$730
Samuel Forrer,	of Dayton,	730
Jacob Blickensderffer,	of Tuscarawas Co.,	730
E. N. Sill,	*Acting Commissioner of the Canal Fund*,	666

The Auditor and Treasurer of State are advisory Commissioners of the Canal Fund.

David Chambers,	of Muskingum Co.,	*Speaker of the Senate.*
John M. Gallagher,	of Springfield,	*Speaker of the House.*
Oviatt Cole,	of Medina Co.,	*Clerk of the Senate.*
A. H. Lewis,	of Portage,	*Clerk of the House.*

JUDICIARY.

Supreme Court.

			Elected.	Salary.
Peter Hitchcock,	of Geauga Co.,	*Chief Judge*,	1845,	$1,000
Reuben Wood,	of Cleveland,	*Assoc. Judge*,	1840,	1,500
Matthew Burchard,	of Warren,	*do.*	1842,	1,500
Nathaniel C. Reed,	of Cincinnati,	*do.*	1842,	1,500
Hiram Griswold,	of Canton,	*Reporter.*		

The Judges of the Supreme Court, the President and Associate Judges of the Courts of Common Pleas, and the Judge of the Superior Court of Cincinnati, are elected by the legislature, for seven years. Of the Judges of the Supreme Court, the oldest in commission is Chief Judge. Two of the four Judges form a quorum, who hold a court in each county once every year.

Superior Court of Cincinnati.

Charles D. Coffin,	of Cincinnati,	*Judge*,	Salary, $730

This Court has concurrent jurisdiction, with the Court of Common Pleas of the county of Hamilton, at common law and in chancery.

Courts of Common Pleas.

			Salary.
George B. Holt,	of Dayton,	*Judge* 1st *Circuit*,	$1,200
Ozias Bowen,	of Marion,	*do.* 2d *do.*	730
Eben Newton,	of Canfield,	*do.* 3d *do.*	730
Corrington W. Searle,	of Zanesville,	*do.* 4th *do.*	1,200
John Pearce,	of Carrolltown,	*do.* 5th *do.*	730
John H. Keith,	of Chillicothe,	*do.* 6th *do.*	1,200
Elijah Vance,	of Lebanon,	*do.* 7th *do.*	1,200
John E. Hanna,	of Mc Connelsville,	*do.* 8th *do.*	1,200
W. B. Caldwell,	of Cincinnati,	*do.* 9th *do.*	1,200
Owen T. Fishback,	of Batavia,	*do.* 10th *do.*	1,200
Jacob Parker,	of Mansfield,	*do.* 11th *do.*	1,200
Joseph R. Swan,	of Columbus,	*do.* 12th *do.*	1,200
Myron H. Tilden,	of Toledo,	*do.* 13th *do.*	730
Benjamin Bissell,	of Painsville,	*do.* 14th *do.*	1,200
William Kennon,	of St. Clairsville,	*do.* 15th *do.*	1,200
Patrick G. Goode,	of Sydney,	*do.* 16th *do.*	730

The several Courts of Common Pleas are held, three times a year, by a President Judge and three Associate Judges, in most of the counties; but in the counties very recently organized, only twice a year. Five of the above-mentioned Judges receive but $730 *per annum*, because they were elected *after* the law of January, 1844, reducing the salaries of public officers, was passed. The Associate Judges receive $2.50 a day.

Finances.

The amount remaining in the Treasury Nov. 15, 1843, was $94,807.92. The revenue for State purposes during the year ending Nov. 15, 1844, was $277,155.52. Total, 371,963.44. The expenditures of the year were — For public institutions in Columbus, $39,280.99; supporting State government, $155,092.76; transferred to canal and school funds, $44,767.52; Total $239,141.27. Leaving a balance in the Treasury of $132,822.17, or nearly $38,000 more than at the same date last year.

The amount of the interest on the public debt the present year, is about equal to one half of the entire burden imposed upon the people of the State by way of direct taxation. This public debt has been contracted for the sole purpose of the construction of public works within the State.

The following, so near as it can be readily ascertained, is the condition of the State debt, on the 1st of January, 1845:—

Foreign Debt.

		Annual Interest.
5 per cent. stock, redeemable in 1850,	$400,000.00	$20,000.00
5 " " " " " 1856,	150,000.00	7,500.00
6 " " " " " 1850,	4,043,658.76	242,619.53
6 " " " " " 1856,	3,412,779.24	204,766.75
6 " " " " " 1860,	6,835,131.00	411,310.86
6 " " " " " 1870,	667,063.50	40,023.81
7 " " " " " 1850,	1,500,000.00	105,000.00
Total,	17,028,682.50	1,031,220.95
Sinking Fund stock to be deducted,	83,000.00	4,980.00
Total of foreign debt,	16,915,682.50	1,026,240.95

Domestic Debt.

Amount due the several school funds,	$1,414,842.64	$86,830,14
Outstanding domestic bonds,	734,869.36	44,092.16
Surplus revenue paid in by counties,	59,523.66	3,571.42
Same loaned by state of counties,	82,101.61	4,944.10
Domestic scrip of various kinds,	29,432.01	1,765.92
Grand aggregate State debt,	19,276,751.78	1,167,444.69

Amount of taxable property, and of taxes assessed during the year 1844.

No. of acres of land,	23,081,202	State and Canal Tax,	$948,996.63
Value, including houses,	$85,524,456	County and School Tax,	642,532.13
Value of town lots and buildings,	21,617,696	Road Tax,	178,559.81
No. of horses,	374,028	Township and Poor Tax,	197,004.83
Estimated value,	$14,959,920	Corporation and Bridge Tax,	199,406.28
No. of cattle,	713,433	Physicians' and Lawyers' Tax,	6,473.40
Estimated value,	$5,707,451	School-house Tax,	15,382.21
Capital and money at interest,	7,550,005	Delinquencies,	152,387.96
No. of pleasure carriages,	14,997		
Estimated value,	$783,238	Total Taxes,	$3,490,663.26
Total am't of taxable property,	$136,142,666		

INTERNAL IMPROVEMENTS.

Names of Works.	Length in miles.	Cost.	Revenue in 1844.	Expenditure in 1844.
Ohio Canal,	334	$4,695,203.69	$343,710.99	$113,209.72
Miami Canal,	85	1,237,552.16	77,844.25	22,341.04
Miami Extension,	139	2,856,635.96	12,723.22	9,961.88
Wabash and Erie Canal,	91	3,026,340.05	48,589.20	12,816.87
Walhonding Canal,	25	607,268.99	1,976.78	1,238.10
Hocking Canal,	56	975,129.57	5,286.44	4,139.41
Muskingum Improvement,	91	1,627,318.29	29,384.64	15,027.38
W. Res. & Maumee Road,	31	256,334.93	8,746.55	2,929.42
Total,	852	$15,283,783.64	$528,262.07	$181,663.82

	Ohio Canal.			Miami Canal.		
Years.	Received for tolls, fines, and water-rents.	Paid collectors and inspectors.	P'd engineers, superintendents, and for repairs.*	Received for tolls, fines, and water-rents.	Paid collectors & inspectors.	Paid engineers, superintendents, & for repairs.
1827,	$1,500.00	$700.00				
1828,	4,000.00	900.00		$8,042.70		
1829,	7,000.00	1,100.00		20.941.36	$1,200	$10,329.59
1830,	30,493.93	1,300.00		30 082.33	1,200	6,938.05
1831,	64,864.17	2,100.00		36,643.88	1,550	6,605.06
1832,	79,982.48	3,600.00		36,847 47	1,700	9,237.91
1833,	136,555.70	4,125.00	$33,741.26	50,470.63	1,975	5,668.83
1834,	164,488.98	5,325.00	71,853.49	50,040.99	2,225	7,940.37
1835,	185,684.48	5,325.00	75,875.10	51,917.00	2,225	16,927.57
1836,	211,823.32	5,650.00	84,846.81	51,116.52	2,225	28,768.77
1837,	293,428.79	7,050.00	115,688.82	62,833.40	2.675	46,556.91
1838,	382,135.96	7,250.00	192,344.99	77,863.09	2,700	32,657.25
1839,	423,599.84	8,200.00	195,627.13	78,601.19	2,500	44,991.19
1840,	452,122.03	8,500.00	113,002.95	70,321.53	2,500	22.553.55
1841,	416,202.63	†9,240.73	124,263.49	72,612.88	2,672	50,780.55
1842,	387,442.22	9,000.00	129,217.51	58,460.34	2,926	20,634.70
1843,	322,754.82	9,000.00	114,897.77	68.640.09	2,500	‡36,326.05
1844,	343,710.99	9,000.00	113,209.72	77,844.25	2,500	22,241.04

* Until 1833, when the canal was finished, repairs were charged as construction. † This amount includes tolls refunded.

‡ This includes expenditures on the Warren County Canal.

Flour, Wheat, Pork, and Coal, received at, and Merchandise shipped from, Cleveland, via the Ohio Canal.

Years.	Barrels of Flour.	Bushels of Wheat.	Barrels of Pork.	Bushels of Coal.	Pounds of Merchandise.
1833,	98,302	386,760	22,758	49,134	9,896,440
1834,	105,326	333,868	33,884	95,631	10,127,613
1835,	132,319	387,232	19,814	50,473	14,839,950
1836,	167,431	463,821	13,572	84,124	13,384,959
1837,	203,691	549,141	42,057	183,464	10,757,386
1838,	287,465	1,229,012	39,055	73,292	18,875,286
1839,	264,887	1,515,820	30,717	134,881	19,125,282
1840,	505,461	2,155,407	23,017	172,206	10,783,514
1841,	441,425	1,564,421	29,797	478,370	15,164,747
1842,	492,711	1,311,665	52,272	466,844	10,091,803
1843,	577,369	813,536	13,177	337,834	13,250,758
1844,	494,909	976,551	45,174	540,305	11,552 460

PENITENTIARY, PUBLIC ASYLUMS, &c.

No. of convicts in the *Penitentiary*,	463
Product of convict labor in 1844,	$41,191.36
Expenses of the Prison,	23,091.19

Net profits of convict labor,	18,101.17
No. of inmates of the *Lunatic Asylum* in 1844,	216
Of whom 116 were males and 100 females.	
No. discharged,	70
Of whom 40 were recovered, 5 improved, 18 without improvement, and 6 died.	
Expenditures, for current expenses,	$13.463.99
Receipts for patients,	3,581.91
Expended on new buildings,	11,190.14
Expenditures for the *Deaf and Dumb Asylum*,	15,234.58
95 pupils were accommodated in 1844.	
Disbursements for the *Education of the Blind*,	9,021.86
65 pupils are receiving the benefits of this charity.	

Congressional Districts.

The arrangement of counties in the following districts was altered by the Legislature. In the districts not mentioned, the apportionment remains as before. See American Almanac for 1844.

2d District, Butler, Warren, and Clinton. *3d District*, Greene, Montgomery, Preble, and Darke. *4th District*, Miami, Clark, Champaign, Union, and Logan. *6th District*, Wood, Hancock, Crawford, Seneca, Sandusky, Ottowa, Marion, and Wyandott. *8th District*, Adams, Pike, Jackson, Ross, and Scioto. *9th District*, Fayette, Pickaway, Fairfield, and Madison. *10th District*, Franklin, Licking, and Delaware. *11th District*, Richland and Knox. *12th District*, Lawrence, Gallia, Meigs, Athens, and Hocking.

XXIII. MICHIGAN.

Government.

			Salary.
John S. Barry,	of Constantine,	*Governor*, (term expires 1st Monday of January, 1846,)	$1,500
Origen D. Richardson,	of Pontiac,	*Lieut. Governor*,	Pay, $6 a day.
Robert P. Eldredge,	of Macomb Co.	*Secretary of State*,	1,000
John J. Adam,	of Lenawee Co.	*Auditor-General*,	1,000
George Redfield,	of Cass Co.	*Treasurer*,	1,000
Ira Mayhew,	of Munroe,	*Superintend. Public Instruc.*	500
Douglass Houghton,	of Detroit,	*State Geologist*,	1,000
O. C. Comstock, Jr.,	of Marshall,	*Com'r of Int. Improvement*,	1,000
Digby V. Bell,	do.	*Com'r of the Land Office*,	1,000
Isaac E. Crary,	do.	*Recorder of do.*	400
Ezra Williams,	of Detroit,	*Quartermaster General.*	
John E. Schwartz,	do.	*Adjutant and Inspector General*,	300
Peter Morey,	of Tecumseh,	*Judge Advocate General.*	
Jonas H. Titus,	of Jackson,	*Agent of State Prison*,	1,000

The *Senate* consists of 18 members, elected for two years; the *House of Representatives*, of 53 members, elected annually. Pay of each, $3 a day, during the session of the legislature. The seat of government is at Detroit, or wherever the legislature shall direct, till 1847, when it is to be permanently established.

William S. Howell,	of Hillsdale,	*President pro tem. of the Senate.*
Alfred H. Hanscom,	of Pontiac,	*Speaker of the House.*

JUDICIARY.

Court of Chancery.

			Salary.
Randolph Manning,	of Detroit,	*Chancellor*,	$1,500
Anthony Ten Eyck,		*Register of 1st Circuit.*	
Austin M. Gould,		*do.* 2*d* *do.*	
Edmund Rice,		*do.* 3*d* *do.*	
Alfred Treadway,		*do.* 4*th* *do.*	
John Barber,		*do.* 5*th* *do.*	
S. T. Douglass,	of Detroit,	*Reporter of Supreme Court and Court of Chancery*,	Profits of Reports and 500

There are 5 Chancery Circuits. The terms of the 1st Circuit are held annually at the city of Detroit, on the 3d Tuesday in July, and the 1st Tuesday in February; of the 2d Circuit, at Ann Arbor, on the 2d Tuesday in January and July; of the 3d Circuit at Kalamazoo, on the 3d Tuesday in January, and the Thursday next after the 4th Tuesday in June; of the 4th Circuit at Pontiac, on the 1st Tuesday in May, and the Tuesday after the 2d Monday in November; of the 5th Circuit, at Adrian, on the 1st Tuesday in January, and the 3d Tuesday in June.

Supreme Court.

			Salary.
Epaphroditus Ransom,	of Kalamazoo,	*Chief Justice*,	$1,600
Charles W. Whipple,	of Pontiac,	*Associate Justice*,	1,500
Alpheus Felch,	of Monroe,	*do.* *do.*	1,500
Daniel Goodwin,	of Detroit,	*do.* *do.*	1,500
H. N. Walker,	do.	*Attorney General*,	Fees & 800
Anthony Ten Eyck,	do.	*Clerk of 1st Circuit*,	Fees.

The Judges of the Supreme Court are appointed by the Governor, with the advice and consent of the Senate, for the period of 7 years. The terms of this court are held at Detroit, on the 1st Tuesday in January and June; at Ann Arbor, on the last Tuesday in December; at Kalamazoo, on the 1st Tuesday in July; and at Pontiac, on the 4th Tuesday in June.

Circuit Courts. — There are 4 judicial circuits, in each of which one of the Judges of the Supreme Court sits as presiding Judge. In each county, one or two terms of the Circuit Court are held annually.

	Presiding Judge.		Presiding Judge.
1st Circuit,	Daniel Goodwin.	3d Circuit,	Epaphroditus Ransom.
2d do.	Alpheus Felch.	4th do.	Charles W. Whipple.

District Criminal Court, for Wayne, Washtenaw, Jackson, and Oakland.

B. F. H. Witherell, of Detroit, *Presiding Judge*, Salary, $1,000.

Finances.

Estimated Annual Expenses of State Government for 1845.

Salaries of Governor, Judges, and State officers, including clerks,	$21,600
Legislature, including printing of laws, &c.,	25,000
Expenses of the State Prison, over earnings, incl. new buildings,	10,000
Annual interest on General Fund, Penitentiary and Tax stocks,	10,650
Interest on outstanding General Fund warrants, and Miscellaneous appropriations,	3,950
	71,200

Estimated Current Revenue for 1845.

State tax of two mills, for 1844,	$57,108
Specific State taxes,	1,500
Office charges and interest on delinquent taxes,	13,000
	71,608

The estimated value of the taxable property of the State in 1844, was $28,554,282.32, and the State tax, two mills on a dollar, amounts to $57,108.56.

State Debt. — In the annual message of the Executive to the Legislature of 1845, the total funded debt of the State, (including interest on the greater portion of it up to July, 1845,) is stated at $3,355,242; and the unfunded or domestic debt, in outstanding warrants, scrip, &c., including $51,779 due the School Fund, is stated to be 721,935; making total State indebtedness, $4,077.177.

The *Resources* of the State are the State Central and Southern Railroads, including fixtures, which have cost and are estimated to be worth $3,247,963; taxes past due and unsold State lands, (exclusive of school and university lands,) $772,037; due from Detroit and Pontiac Railroad Co, $130,000; making total resources, $4,150,000.

The *Interest* on $100,000 General Fund Stock, on $60,000 Penitentiary Stock, and on $15,000 balance of Tax Stock, is met from the current revenue or annual State Tax. On $100,000 University Stock, the interest is paid regularly, partly from the income of the University Fund, and on so much of it as the State owes to the University Fund, it is met from other sources. On the remainder of the Funded Debt of the State, being her internal improvement debt, or what she has received on her five million

loan, the interest has been funded, or authorized to be funded, up to July 1, 1845; and for the interest falling due in January 1846, and thereafter semi-annually, on this portion of the State debt, the State relies in the first place on the proceeds of her public works; but in case of any deficiency from this source, a direct tax for the balance is authorized to be levied.

INTERNAL IMPROVEMENTS.— The receipts for the year ending Nov. 30, 1844, on the *Central Railroad*, running from Detroit to Marshall, 110 miles, the last 32 miles of which, from Jackson to Marshall, were finished in August, 1844, amounted to $211,170; the ordinary running expenses were $89,420, leaving $121,750 net profits. Of this sum about $25,000 was paid into the State Treasury, nearly $94,000 for railroad iron, new locomotives, cars, &c., leaving about $3,000 cash in the hands of the acting commissioner. Thirty-six miles further of this road are nearly ready for the iron, and are expected to be completed and ironed during the fall of 1845.

The receipts on the *Southern Railroad*, from Monroe to Hillsdale, 68 miles, were $60,340; ordinary running expenses about $42,000; the balance of $18,000 was expended in building new cars, &c., for the road.

STATE LAND OFFICE.— The sales of internal improvement, school, university, and State building lands, at this office, for the year ending Nov. 30, 1844, were as follows:—

	Acres.	Sold for
Internal Improvement lands,	80,840	$101,795
School lands,	7,454	39,100
University lands,	4,155	44,922
State building lands,	120	1,440

PUBLIC INSTRUCTION.— *University.* — The principal of the University Fund consists of the proceeds of the 72 sections, or 46,080 acres, of land granted by Congress for the support of a University. Up to Nov. 30, 1844, there had been sold of these lands 14,883 acres, for the sum of 174,307. The annual revenue or income of the University prior to 1845, was about $9,000; but as over 4,000 acres more university lands were sold last year for the sum of $44,922, this will increase the income of the University to about $12,000 a year, leaving about $6,000 a year for the support of the Institution, after paying the interest on the $100,000 loan, instead of about $3,000 or less, as heretofore.

The present Faculty consists of the ———— ————, Professor of the Greek and Roman Languages; Rev. Geo. P. Williams, A. M., Professor of Mathematics; Rev. A. Ten Brook, Professor of Moral and Mental Philosophy; Dr. Houghton, Professor of Geology and Mineralogy; and Dr. A. Sager, Professor of Botany and Zoology. The two latter have not yet entered upon the discharge of the duties of their Professorships. There are about 70 students in the main institution at Ann

Arbor, and in the branches, or preparatory schools, at Tecumseh, Romeo, Kalamazoo, White Pigeon, and Ann Arbor, about 180.

Common Schools.— The fund for the support of common schools arises from the sales of section 16, or its equivalent, in each surveyed town of 36 sections, or square miles. In the whole State, this would amount to over a million of acres, of which fully two thirds would lie in the lower Peninsula, and about one half of the latter portion, or over 300,000 acres in 29 settled and organized counties in the southern portion of the State. Of these lands, there had been sold up to Nov. 30, 1844, 62,737 acres for the sum of $423,880; the interest on which will yield about $28,000 a year to be distributed as school money amongst the several school districts throughout the State. In addition to this, there is raised for the support of schools, a half mill tax, yielding about $14,000 more; which tax in 1847, and thereafter, is to be increased to 1 mill on the dollar.

STATE PRISON.— The number of prisoners remaining in prison, October 31, 1843, was 94; admitted during the year ending October 31, 1844, 61; discharged during the same period by expiration of sentence, 26; pardoned, 2; escaped, 1; died, 4 — leaving in prison, October 31, 1844, 122.

XXIV. INDIANA

GOVERNMENT.

			Salary.
JAMES WHITCOMB,	of Terre Haute,	*Governor*, (term of office expires in December, 1846,)	$1,300
Jesse D. Bright,	of Madison,	*Lieut. Governor*,	Pay, $3 a day.
John H. Thompson,	of Wash'n Co.,	*Secretary of State*,	800
Royal Mayhew,	of Shelbyville,	*Treasurer of State*,	1,000
H. J. Harris,	of Delphi,	*Auditor of Public Accounts*,	1,000
James Morrison,	of Indianapolis,	*President of the State Bank*,	1,300
James M. Ray,	of Indianapolis,	*Cashier of the State Bank*,	1,100
Michael G. Bright,	*State Agent*,	$1,000 and travelling expenses.	
T. J. Reynolds,	of Indianapolis,	*Quartermaster General*,	100
Joseph R. Pratt,	of Jeffersonville,	*Keeper of the Penitentiary*,	Profits.
T. B. Kinder,	of Indianapolis,	*State Librarian*,	200
Alexander C. Stephenson,		*Speaker of the House.*	

The number of Senators is 50, and of Representatives, 100.

JUDICIARY.

The judges are appointed by the Governor and Senate for 7 years, and the senior in commission is the Chief Judge.

Supreme Court.

			Salary.
Isaac Blackford,	of Indianapolis,	*Chief Judge*,	1,300
Charles Dewey,	of Charleston,	*Judge*,	1,300
Jeremiah Sullivan,	of Madison,	*do.*	1,300
Abram A. Hammond,	of Columbus,	*Attorney General.*	
Henry P. Coburn,	of Indianapolis,	*Clerk*,	Fees.

This court holds its sessions at Indianapolis, in May and November. It has appellate jurisdiction only, except in capital cases, and cases in chancery in which the President of the Circuit Court may be interested.

Circuit Courts.

Circ.	*President Judges.*		*Prosecuting Attorneys.*	
1st,	Isaac Naylor,	of Crawfordsville.	Jos. E. McDonald,	of Lafayette.
2d,	J. H. Thompson,	of Salem.	Cyrus L. Dunham,	of Salem.
3d,	Miles C. Eggleston,	of Madison.	John Dumont,	of Vevay.
4th,	Elisha Embree,	of Princeton.	James Lockhart,	of Evansville.
5th,	William J. Peaslee,	of Indianapolis.	A. A. Hamilton,	of Columbus.
6th,	J. T. Elliott,	of Newcastle.	Jacob B. Julian,	of Centreville.
7th,	John Law,	of Vincennes.	James M. Hanna,	of Greencastle.
8th,	John W. Wright,	of Clay.	Wm. Z. Stuart,	of Logansport.
9th,	E. M. Chamberlain,	of Goshen.	R. L. Farnsworth,	of South Bend.
10th,	David McDonald,	of Bloomington.	Craven P. Hester,	of Bloomington.
11th,	David Kilgore,	of Mt. Pleasant.	John Davis,	of Andersontown.
12th,	James W. Borden,	of Ft. Wayne.	Robert L. Douglass,	of Angola.

1*st Circuit.* Benton, Clinton, Fountain, Montgomery, Tippecanoe, and Warren counties.

2*d Circuit.* Clark, Floyd, Harrison, Jackson, Orange, Scott, and Washington.

3*d Circuit.* Dearborn, Franklin, Jefferson, Jennings, Ohio, Ripley, and Switzerland.

4*th Circuit.* Crawford, Dubois, Gibson, Perry, Pike, Posey, Spencer, Vanderburgh, and Warwick.

5*th Circuit.* Bartholomew, Boone, Hamilton, Hancock, Hendricks, Johnson, Marion, and Shelby.

6*th Circuit.* Decatur, Fayette, Henry, Rush, Union, and Wayne.

7*th Circuit.* Clay, Knox, Parke, Putnam, Sullivan, Vermillion, and Vigo.

8*th Circuit.* Carroll, Cass, Fulton, Jasper, Miami, Pulaski, Wabash, and White.

9*th Circuit.* Elkhart, Kosciusko, Laport, Lake, Marshall, Porter, and St. Joseph.

10*th Circuit.* Brown, Daviess, Green, Lawrence, Martin, Munroe, Morgan, and Owen.

11*th Circuit.* Blackford, Delaware, Grant, Jay, Madison, Randolph, Richardville, and Tipton.

12*th Circuit.* Adams, Allen, DeKalb, Huntington, Lagrange, Noble, Steuben, Wells, and Whitley.

The President Judges and the Prosecuting Attorneys are elected by the legislature,—the judges for 7 years, and the attorneys for 2 years; and the Associate Judges and Clerks of the Courts are elected by the people for 7 years. The President Judges receive each a salary of $800

and the Judge of the 5th Circuit is allowed $300 in addition, optional with the County Commissioners of his Circuit; the Attorneys have each a salary of $150 and perquisites. The Judges hold two terms in each county annually. There are two Associate Judges in each county, who receive $2 a day during the session.

Finances.

The Governor's Message to the Legislature represents the outstanding funded debt of the State to be $12,218,000, on which the Bank regularly pays the interest on $1,390,000, leaving $10,828,000 on which no interest is paid, and no provision made for its payment. The domestic, or unfunded debt, is stated at $1,521,262.

XXV. ILLINOIS.

GOVERNMENT.

	Salary.
Thomas Ford, of Springfield, *Governor*, (term ends 1st Monday in December, 1846,)	$2,000
John Moore, of McLean Co., *Lieutenant Governor*, $4 a day during the session, and $3 for every 20 miles of travel.	
Thompson Campbell, of Galena, *Secretary*, (including clerk hire,)	800
William L. D. Ewing, of Hillsboro, *Auditor*, (do.)	1,600
Milton Carpenter, of Hamilton Co., *Treasurer*, (do.)	800

Walters & Weber, *Public Printers.*

The Governor is, *ex officio*, *Fund Commissioner.*

David Leavitt, of New York, and W. H. Swift, of Massachusetts, are *Canal Trustees* on the part of the bondholders, and Jacob Fry, of Lockport, on the part of the State.

Each member of the legislature receives $3 a day during the session, and $3 for every 20 miles of travel. The Lieutenant Governor is Speaker of the Senate.

Wm. A. Richardson, of Schuyler Co., *Speaker of the House.*

Judiciary.

Supreme Court.

			Salary.
William Wilson,	of Carmi,	*Chief Justice*,	$1,500
Samuel D. Lockwood,	of Jacksonville,	*Associate Justice*,	1,500

			Salary.
Thomas C. Browne,	of Galena,	*Associate Justice*,	1,500
Richard M. Young,	of Chicago,	*do.*	1,500
Samuel H. Treat,	of Springfield,	*do.*	1,500
Walter B. Scates,	of Mount Vernon,	*do.*	1,500
John D. Caton,	of Ottowa,	*do.*	1,000
Gustavus P. Keorner,	of Belleville,	*do.*	1,000
Norman H. Purple,	of Peoria,	*do.*	1,000
James A. McDougal,	of Jacksonville,	*Attorney General*,	500
Charles Gillman,	of Quincy,	*Reporter.*	
Ebenezer Peck,	of Springfield,	*Clerk*,	Fees.

Hugh T. Dickey,	*Judge of the Cook Co. Court of Chicago*,	800
Patrick Ballingall,	*Attorney for do.*	Fees and 200

The judges are elected by the legislature, and hold their offices during good behavior. Five constitute a quorum. The judges all perform circuit duties, the State being divided into circuits corresponding with the number of Judges. There is a State's attorney for each circuit, who is elected by the legislature biennially. Salary, $250 and fees.

The only other courts now in the State are those held by probate justices and justices of the peace. The former have jurisdiction in actions of debt or assumpsit by or against administrators, &c., where the amount in controversy does not exceed $1,000, and the general powers of probate courts. The latter have jurisdiction in actions of debt or assumpsit, not exceeding in amount $100; and exclusive jurisdiction in cases of assaults and battery. In trespass on personal property and trover, where the damages claimed do not exceed $20, justices of the peace also have jurisdiction. In all suits for debts, where the damages claimed exceed $20, the Circuit Courts have jurisdiction, and they are Superior Courts of general jurisdiction, both civil and criminal.

The Governor and Justices of the Supreme Court constitute a Council of Revision, which acts upon all laws, approving or disapproving them.

Finances.

The present debt of the State of Illinois, according to a statement transmitted by the Governor to the Legislature, is $14,633,969.31. The annual amount of interest accruing on this debt is $712,533, of which, thus far, only $50,000 have been promptly paid. According to the Auditor's report, the whole revenue of this year amounts only to $145,645.57, which is not sufficient to meet the current expenses of the State government for the year.

XXVI. MISSOURI.

GOVERNMENT.

		Term ends.	Salary.
JOHN C. EDWARDS,	*Governor*,	Nov. 1848,	$2,000
James Young,	*Lieutenant-Governor*,	do.	
Falkland H. Martin, of Jefferson,	*Secretary of State, and Superintendent of Common Schools*,	Nov. 1849,	1,300
Wm. Monroe, of City of Jefferson,	*Auditor Pub. Ac.*	1849,	1,600
Peter G. Glover, do.	*Treasurer*,	1847,	1,350
Benj. F. Stringfellow, do.	*Attorney General*,	1849,	750
George W. Huston,	*Reg'r of Lands*,	1849,	1,250
Gustavus A. Parsons, of City of Jefferson,	*Adjutant General*,		100
George W. Miller, do.	*Quartermaster General*,		100
Frederick Conway, of St. Louis,	*Surveyor General*,		1,500
Ferdinand Kennett, do.	*President of State Bank.*		
Henry Shurlds, do.	*Cashier do.*		2,000

The Lieutenant-Governor is, *ex officio*, President of the Senate, and receives $4,50 a day while presiding over the Senate; and the pay of the Speaker of the House of Representatives is the same. The Senators are chosen every fourth year, and the Representatives every second year. Their pay is $3 a day. The legislature meets at the City of Jefferson biennially, on the 4th Monday in November.

C. F. Jackson, *Speaker of the House.*

JUDICIARY.

Supreme Court.

		Salary.
Priestly H. McBride, of City of Jefferson,	*Presiding Judge*,	$1,100
William B. Napton, do.	*Associate Judge*,	1,100
William Scott, do.	*do.*	1,100

The Supreme Court is held at the City of Jefferson. This Court exercises appellate jurisdiction from the Circuit Court, and has original jurisdiction in cases of habeas corpus, mandamus, &c.

Circuit Courts.

Judges.		Salary.	Attorneys.	Salary.
James W. Morrow,	1st Circuit,	$1,000	B. F. Stringfellow,	750 & fees.
John D. Leland,	2d do.	1,000	James Gordon,	250 do.
Ezra Hunt,	3d do.	1,000	Geo. H. Buckner,	250 do.
Addison Reese,	4th do.	1,000	Jas. C. Abernathy,	250 do.
John F. Ryland,	5th do.	1,000	Robert Smart,	250 do.

Judges.			Salary.	Attorneys.	Salary.	
A. A. King,	6th	Circuit,	1,000	George W. Dunn,	250	do.
F. P. Wright,	7th	do.	1,000	Tho's Ruffin,	250	do.
John M. Krum,	8th	do.	1,000	Miron Leslie,	250	do.
John H. Stone,	9th	do.	1,000	John S. Brickey,	250	do.
John D. Cook,	10th	do.	1,000	Albert Jackson,	250	do.
James A. Clark,	11th	do.	1,000	W. Halliburton,	250	do.
Solo. H. Leonard,	12th	do.	1,000		250	do.
Charles S. Yancey,	13th	do.	1,000	John T. Coffee,	250	do.
Charles H. Allen,	14th	do.	1,000	P. O. Minor,	250	do.

A Circuit Court for each county is held twice in each year. The jurisdiction of the Circuit Court extends to all matters of tort and contracts over 90 dollars, where the demand is liquidated, and over 50 dollars, where the agreement is parol. It has exclusive criminal jurisdiction, and superintending control over the County Courts and Justices of the Peace, subject to the correction of the Supreme Court. The Circuit Court is held in each county. The Judges of the Supreme and Circuit Courts are nominated by the Governor, and confirmed by the Senate; and they hold their office during good behavior, though not beyond 65 years of age.

Court of Common Pleas of St. Louis.

Montgomery Blair,	of St. Louis,	*Judge*,	Salary, $2,000

Criminal Court of St. Louis.

A. W. Manning,	of St. Louis,	*Judge*,	Salary, 1,000

This is a local tribunal, established for exercising criminal jurisdiction only in the county of St. Louis. An appeal lies to the Supreme Court. The Judge is appointed by the concurrent vote of the two Houses of the General Assembly; and he holds his office during good behavior.

County Courts. — The jurisdiction of the County Courts is limited to matters of probate and local county affairs, as roads, &c. A County Court sits in each county, and is composed of three justices, who are elected by the people, and hold their offices for four years. An appeal lies to the Circuit Court.

Finances.

Amount of Sate Debt, $997,000. Interest on Debt, $75,500

The balance remaining in the Treasury on the 1st day of October, 1842, was, ...	$41.356.36
The amount received during the two fiscal years ending September 30th, 1844, ...	393,953.46
Making the sum of	435,309.82

There has been disbursed during the above period the sum of . .	$376,987.40	
Amount of wolf scalp certificates burnt,	9,628.00	
		386,615.40
Balance, Oct. 1844, ...		$48,694.42

CENSUS OF THE STATE OF MISSOURI, TAKEN IN 1844.

Counties.	White population.	Free persons of color.	Slaves.	Total.
Adair, . .	4,600	1	84	4,685
Andrew, . .	8,565	12	444	9,021
Audrain, . .	2,290	2	295	2,587
Barry, . .	4,211	..	198	4,409
Bates, . .	2,921	4	106	3,031
Benton, . .	5,114	10	537	5,667
Boone, . .	10,998	28	3,264	14,290
Buchanan, .	9,734	16	488	10,238
Caldwell, . .	1,470	..	113	1,583
Callaway, . .	9,175	22	3,309	12,506
Camden, . .	2,466	..	155	2,621
Cape Girardeau, .	9,284	44	1,431	10,759
Carroll, .	3,336	2	438	3,806
Chariton, . .	4,905	24	1,374	6,303
Clark, (estimated,)	2,386	..	382	2 768
Clay, . . .	7,065	11	2,207	9,283
Clinton, . .	5,733	4	402	6,139
Cole, (estimated,) .	10,581	19	1,461	12,062
Cooper, . .	8,446	14	2,529	10,989
Crawford, . .	3,952	..	215	4,167
Dade, . .	5,541	70	297	5,848
Daviess, . .	5,140	3	195	5,338
Decatur, . .	2,310	..	8	2,318
Franklin, . .	8,289	33	1,318	9,640
Gasconade, .	3,346	..	884	3,430
Greene, . .	7,708	6	936	8,650
Grundy, . .	3,709	..	157	3,866
Henry, .	3,268	5	713	3,996
Holt, . .	3,406	..	72	3,478
Howard, .	9,235	47	3,975	12,257
Jackson, . .	8,060	16	2,032	10,114
Jasper, . .	2,809	..	141	2,950
Jefferson, . .	5,248	21	366	5.235
Johnson, . .	5,257	11	659	5,927
Lafayette, . .	6,654	46	2,998	9,698
Lewis, . .	3,941	20	875	4,836
Lincoln, . .	6,547	8	1,792	8,347
Linn, . . .	5,459	3	307	4,859
Livingston, .	3,536	2	243	3,781
Macon, . .	4,586	..	194	4,780
Madison, . .	3,299	20	506	3,825
Marion, . .	7,969	28	2,439	10,436
Miller, . .	2,859	4	159	3,022
Monroe, . .	7,577	8	1,762	9,349
Montgomery, .	3,856	19	873	4,748
Morgan, . .	4,861	4	591	3,456
New Madrid, .	3,205	4	925	4,134
Newton, . .	5,108	21	282	5,411
Niangua, . .	2,666	2	131	2,799
Osage, . .	5,505	4	301	5,810
Platte, . .	12,184	43	1,768	13,994

Counties.	White population.	Free persons of color.	Slaves.	Total.
Perry,	5,810	19	840	6,669
Pettis,	3,244	1	678	3,923
Pike,	8,905	21	2,905	11.831
Polk,	6,097	7	367	6,471
Pulaski,	3,323	..	75	3,398
Rulis,	4,634	17	1,201	5.852
Randolph,	6,793	27	2,821	8,631
Ray,	7,925	8	1,195	9,128
Ripley,	2,365	1	53	2,419
St. Charles,	7,722	15	1,809	9,546
St. Clair,	3,005	..	377	3,382
St. Francois,	3 215	20	605	3,870
Ste. Genevieve,	4,028	77	553	4,556
St. Louis,	42,483	673	4,512	47.668
Saline,	4 654	6	2,095	6.755
Scotland,	4,513	..	331	4,844
Scott, (estimated)	6,272	19	1,132	7,423
Shannon,	2.560	..	61	2.621
Shelby,	2.671	14	473	3,158
Stoddard,	3,859	1	69	3,929
Taney,	3,193	1	93	3,296
Van Buren,	5,178	1	417	5,596
Warren,	4,186	3	777	4,966
Washington,	6,256	23	937	7,216
Wayne,	4,438	6	338	4,782
Wright,	3,622	..	56	3,678
Total,	440,0?6	1,551	70,300	511,937

Towns. — The population of the principal towns are as follows: St. Louis, 34,140, Hannibal, 1,789, Boonville, 1,670, St. Charles, 1,042, Palmyra, 1,039, Weston, 682, Columbia, 643, Herman, 639.

In 1840, the population of the State was 383,702; in 1830, it was 140,455; in 1820, 66,586; in 1810, 20,845.

	1840.	1844.
Counties south of Missouri River,	208,076	277,689
Counties north of Missouri River,	175,827	232,766

The increase throughout the State, is about 127,000, or nearly 33 per cent.

St. Louis county, in 1840, 35,979; in 1844, 47,668.

XXVII. FLORIDA.

Government.

			Salary.
William D. Moseley,	of Miccossukie,	*Governor*, (term expires October, 1849,)	$1,500
James T. Archer,	of Tallahassee,	*Secretary of State*,	Fees & 600
Nathaniel P. Bemis,	do.	*Comptroller*,	800
Benjamin Byrd,	do.	*Treasurer*,	800
Oscar A. Myres,	do.	*Governor's Private Sec'y*,	500
James A. Berthelot,	of Leon Co.,	*President of the Senate*,	$3 a day.

			Salary.
Hugh Archer,	of Leon Co.,	*Speaker of the House,*	$3 a day.
Thomas F. King,		*Secretary of the Senate.*	
Mariamno D. Papy,		*Clerk of the House.*	

JUDICIARY.

Circuit Courts.

George S. Hawkins,	of Apalachicola,	*Judge Western Circuit,*	$2,000
Thomas Baltzell,	of Tallahassee,	*do. Middle do.*	2,000
Isaac H. Bronson,	of St. Augustine,	*do. Eastern do.*	2,000
William Marvin,	of Key West,	*do. Southern do.*	2,000
Joseph Branch,	of Tallahassee,	*Attorney Gen. & Reporter,*	500
Mariamno D. Papy,	do.	*Clerk, Supreme Court.*	
John C. Smith,		*Solicitor, Western Circuit,* F's &	200
Thomas J. Heir,		*do. Middle do.* "	200
Felix G. Livingston,		*do. Eastern do.* "	200
R. F. Brantley,		*do. Southern do.* "	200

The Judges of the Circuits are also Justices of the Supreme Court.

Judges of Probate.

Judges.	Counties.	Judges.	Counties.
Jas. E. Boone,	Leon.	R. H. Long,	Jackson.
E. B. Gould,	St. Johns.	W. W. Stell,	Calhoun.
S. C. Braddock,	Nassau.	John G. Park,	Wakulla.
Wm. F. Crabtree,	Duval.	P. C. Kain,	Franklin.
Lewis Aldrich,	Alashua.	Washington Tabor,	Washington.
J. M. McIntosh,	Marion.	Daniel McLeod,	Walton.
Isaac Eurrason,	Benton.	Timothy Twitchell,	Santa Rosa.
Thos. E. Barrow,	Lery.	Charles Evans,	Escambia.
Robert Browne,	Columbia.	John B. Allen,	Hillsboro'.
Alex. McDonald,	Madison.	Henry A. Cram,	Orange.
J. H. Roberts,	Hamilton.	John S. Hermans,	St. Lucie.
Thomas J. Chase,	Jefferson.		

Outline of the Constitution. — The Governor shall be elected for four years, and shall not be eligible for the four years next succeeding his term of office. He may veto acts passed by the Legislature, but if the bill be again passed by a majority of the members elected to both branches of the Legislature, it shall become a law without his signature. In case of vacancy, the President of the Senate, or after him, the Speaker of the House, shall act as Governor. The Secretary of State shall be elected by the Legislature for four years.

The General Assembly, chosen on the 1st Monday of October, shall meet on the 1st Monday in November of each year. The Representatives shall be elected for one year, and the Senators for two years; the number of Representatives shall never exceed sixty.

The Supreme Court, having appellate jurisdiction only, shall be composed of the Circuit Judges for five years after the election of these Judges, and thereafter until the General Assembly shall otherwise provide. The Circuit Courts shall have original common law jurisdiction in all matters, civil and criminal. They shall also have original equity jurisdiction until a separate Chancery Court be established by the Legislature. The Judges shall be elected by concurrent vote of a majority of both Houses, and shall be chosen at first for five years; after that term, during good behavior. They may be removed by impeachment, or by address of two thirds of each House. An Attorney General shall be elected by joint vote of the two Houses for four years; also a Solicitor for each circuit for the same term.

The right of suffrage shall belong to every free white male, aged 21 years or upwards, who has resided in Florida for two years, and in the county for six months, and who shall be enrolled in the militia, or by law exempted from serving therein. The General Assembly shall provide for the registration of all qualified voters. No officer in a banking company shall be eligible for the office of Governor, Senator, or Representative, while he serves in the Bank, or for 12 months afterwards. A duellist, or a second in a duel shall be incapable of holding any office under the State. No minister of the Gospel shall be chosen Governor, Senator, or Representative.

In 1845, and every tenth year thereafter, a census shall be taken, and the Representatives shall be apportioned by adding three fifths of the slaves to the whole number of free whites.

No act of incorporation shall be passed or altered except by the assent of two thirds of each House, and by giving three months notice. No bank charter shall be for more than 20 years, nor shall it ever be extended or renewed. The capital of a bank shall not exceed $100,000, nor shall a dividend be make exceeding 10 per cent. a year. Stockholders shall be individually liable for the debts of the bank, and no notes shall be issued for less than $5. The credit of the State shall not be pledged in aid of any corporation whatsoever.

For an amendment of this Constitution, two thirds of both Houses must assent, the proposed alteration must then be published six months before the succeeding election, and then be again approved by a two thirds vote in the succeeding Assembly.

No laws shall be passed to emancipate slaves, or to prohibit the immigration of persons bringing slaves with them. The General Assembly may prevent free colored persons from entering the State.

Taxes. — The Legislature has passed a bill laying taxes for the public service, of which the following are the principal items: —

On all first-rate land, $\frac{1}{4}$ of a cent per acre.
On all second-rate land, $\frac{1}{8}$ of a cent per acre.
On lla third-rate land, $\frac{1}{4}$ of a cent per acre.

On all lots in towns and villages, 10 cents on every $100 value thereof.
On all negroes, 37½ cents each.
On all male free negroes, over 21 years of age, and under 60 years, $3.
On all merchandise, 20 cents on every $100 stock in trade.
On all tavern keepers, in towns and villages, $10.
On all retailers in spirituous liquors, of less quantity than one quart, and all bars and restaurants, $30.
On all billiard tables, $25.
On all ten-pin alleys, $10.
On all public shows and exhibitions, $5 for each and every exhibition.
On all hawkers and pedlars, $20 for each and every county in which they may offer goods for sale.
On all auction sales, 2 per cent.
On all commission merchants and factors, ½ per cent. on all commissions received by them.
On all money loaned at interest, 20 cts. upon every $100 so loaned and kept at interest.
On all bank stock and shares of incorporated companies, 20 cents on every $100 value thereof.
On all bank agencies and insurance companies, the sum of $150 per annum.
On all pleasure carriages, 50 cents on every $100 value thereof.
On all itinerant traders, $100 for each county they may offer their goods for sale in.
On all cattle over 100 head, 50 cents for every hundred head.
On all lawyers and doctors, 20 cents on every $100 fees they receive.

The corporate authorities of towns, cities, &c., shall not tax property for corporation purposes, more than one half as much as the State tax, nor any other property than such property as may be taxable under this revenue bill.

XXVIII. WISCONSIN TERRITORY.

GOVERNMENT.

		Salary.
HENRY DODGE,	of Dodge's Grove, *Governor, and Superintendent of Indian Affairs*, (term expires March, 1849.)	$2,500
George R. C. Floyd,	of Madison, *Secretary of the Territory*,	1,200
John White and David Merrill,	*Canal Commissioners.*	
		Pay, $3 a day when in service.
John Y. Smith,	of Madison, *Sup't of Territorial Property and Librarian*,	300
Geo. P. Delaplaine,	of Madison, *Auditor*,	60
Jonathan Larkin,	do. *Treasurer*,	60

The government was organized in 1836. The *Legislative Assembly* consists of a Council of 13 members, elected for 2 years, and a House of Representatives of 26 members, elected annually, on the 4th Monday of September. Their pay is $3 a day during the session, and $3 for every 20 miles' travel. All town and county officers are elected by the people.

Moses M. Strong,	of Mineral Pt.,	*President of the Council.*
George H. Walker,	of Milwaukie,	*Speaker of the House.*
Benj. C. Eastman,	of Plattsville,	*Secretary of the Council.*
L. F. Kellogg,	of Madison,	*Chief Clerk of the House.*

JUDICIARY.

Supreme Court.

			Salary.
Charles Dunn,	of Elk Grove,	*Chief Justice of Sup. Court*,	$1,800
David Irvin,	of Madison,	*Associate Justice do.*	1,800
Andrew G. Miller,	of Milwaukie,	*do. do.*	1,800
Wm. P. Lynde,	of Madison,	*Attorney*,	Fees and 250
John S. Rockwell,	of Milwaukie,	*Marshal*,	Fees and 200
La Fayette Kellogg,	of Madison,	*Clerk*,	Fees.
Thomas P. Burrett,		*Reporter.*	

District Courts. — The Territory is divided into three judicial districts, in each of which a district court is held twice a year, for each county within the district, by a Judge of the Supreme Court, assigned to the district, who appoints his own clerk, and has original jurisdiction of all real and personal actions arising under the constitution and laws of the United States and of the Territory, and appellate jurisdiction from Judges of Probate and Justices of the Peace.

1st Dist.,	Iowa, Grant, Crawford, and St. Croix,	Mr. Justice Dunn.
2d do.	Green, Rock, Walworth, Jefferson, Dane, and Portage,	Mr. Justice Irvin.
3d do.	Brown, Milwaukie, Racine, Dodge, and Fond du Lac,	Mr. Justice Miller.

The Supreme Court appoints its own clerk, and holds its session at Madison, on the third Monday of July; it has appellate jurisdiction of all cases from the District Courts, and original jurisdiction of all cases of *mandamus*, *quo warranto*, prohibition, error, &c. Its decisions are reported by an attorney appointed by the Court, and published with the laws every year. An appeal lies to the U. S. Supreme Court.

XXIX. IOWA TERRITORY.

GOVERNMENT.

		Salary.
JOHN CHAMBERS,	of Iowa City, *Governor and Superintendent of Indian Affairs*, (term from July 15th, 1844, to July, 1848,)	$2,500
Jesse Williams,	of Iowa City, *Secretary*,	1,200
William L. Gilbert,	do. *Auditor*,	100
Morgan Reno,	do. *Treasurer and Librarian*,	210
Edwin Guthrie,	of Fort Madison, *Warden of the Penitentiary*,	500

This country was erected into a territorial government by an act of Congress, of June, 1838, to take effect on the 4th of July following. The legislative power is vested in the Governor and a Legislative Assembly, which meets annually on the 1st Monday of December, at Iowa City, the seat of government; and it consists of 13 members of the Council, elected for two years, and of a House of Representatives consisting of 26 members, elected annually. Pay of the members, $3 a day, and $3 for every 20 miles' travel.

On the 5th of April, 1844, the people voted, by a majority of 2,400, to form a State Constitution. A convention for this purpose met in October, formed a Constitution, submitted it to Congress, and asked to be admitted into the Union as an independent State. A law was passed for that purpose in February, 1845, which altered the boundaries adopted by the Convention, and diminished the territory of Iowa. The people refused to be formed into a State upon these conditions, and rejected the Constitution, so that Iowa still remains under a territorial government.

By a census taken in 1844, it appears that the population of this territory is now 81,920.

JUDICIARY.

			Salary.
Charles Mason,	of Burlington,	*Chief Justice*,	$1,800
Joseph Williams,	of Bloomington,	*Associate Justice*,	1,800
Thomas S. Wilson,	of Du Buque,	*do.*	1,800
Edward Johnston,	of Ft. Madison,	*Attorney*,	Fees and 200
Gideon S. Bailey,	of Burlington,	*Marshal*,	Fees and 200
James Grant,	of Davenport,	*Reporter*,	300
George S. Hampton,	of Iowa City,	*Clerk*,	Fees.
L. D. Stockton,	of Burlington,	*Attorney*, 1*st District*,	Fees.
Ed. H. Thomas,	of Wasello,	*do.* 2*d* *do.*	Fees.
James Crawford,	of Du Buque,	*do.* 3*d* *do.*	Fees.

The Judges are appointed for four years, and the term of the present Judges expires July 4th, 1846. The Territory is divided into three judicial districts, and the Judges perform circuit duties. The Supreme Court, composed of all the Judges, meets annually, in July, at Iowa City.

XXX. DISTRICT OF COLUMBIA.

The District of Columbia is under the immediate government of Congress. The city of Washington became the seat of the government of the United States, in 1800; and it is the residence of the President, and the other chief executive officers of the national government.

JUDICIARY.

Circuit Court of the District.

			Salary.
William Cranch,	of Washington,	*Chief Judge*,	$2,700
James S. Morsel,	of Georgetown,	*Associate Judge*,	2,500
James Dunlop,	do.	*do.*	2,500
James Hoban,	of Washington,	*Attorney*,	Fees, &c.
Alexander Hunter,	do.	*Marshal*,	do.
William Brent,		*Clerk for Washington County*,	do.
Edmund I. Lee,		*Clerk for Alexandria County*,	do.

District Court for the District, at Alexandria.

William Cranch, *Judge.* Edmund I. Lee, *Clerk.*

Criminal Court for the District.

Vacancy,	*Judge*,	$2,000
William Brent,	*Clerk for Washington County*,	Fees.
Edmund I. Lee,	*Clerk for Alexandria County*,	Fees.

This Court holds three terms a year, beginning respectively on the 1st Monday in March, the 3d Monday in June, and the 1st Monday in December.

Orphans' Court.

Nathaniel P. Causin,	Washington Co.,	*Judge*,	$1,000
Edward N. Roach,	do.	*Register*,	Fees.
Christopher Neal,	Alexandria Co.,	*Judge*,	1,000
Bernard Hooe,	do.	*Register*,	Fees.

TEXAS.

GOVERNMENT.

		Salary.
ANSON JONES,	*President*,	$5,000
Ebenezer Allen,	*Secretary of State*,	1,500
J. A. Greer,	*Secretary of the Treasury*,	1,500
W. G. Cooke,	*Secretary of War and Marine*,	1,500
W. B. Ochiltree,	*Attorney-General*,	1,500

JUDICIARY.

				Salary.
John Hemphill,	*Chief Justice*,			$1,750
John B. Jones,	*Judge of*	*First*	*District*,	1,500
William J. Jones,	*do.*	*Second*	*do.*	1,700
R. E. B. Baylor,	*do.*	*Third*	*do.*	1,750
William E. Jones,	*do.*	*Fourth*	*do.*	1,750
R. T. Wheeler,	*do.*	*Fifth*	*do.*	1,500
M. P. Norton,	*do.*	*Sixth*	*do.*	1,500
J. T. Mills,	*do.*	*Seventh*	*do.*	1,750

On the 1st of March, 1845, the following Joint Resolution was passed by the Congress of the United States for annexing Texas to this country: —

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That Congress doth consent that the Territory properly included within and rightfully belonging to the Republic of Texas, may be erected into a new State to be called the State of Texas, with a republican form of government, to be adopted by the people of said Republic, by deputies in convention assembled, with the consent of the existing Government, in order that the same may be admitted as one of the States of this Union.

2. *And be it further resolved*, That the foregoing consent of Congress is given upon the following conditions, and with the following guarantees, to wit: *First*. Said State to be formed, subject to the adjustment by this Government of all questions of boundary that may arise with other Governments; and the Constitution thereof, with the proper evidence of its adoption by the people of said Republic of Texas, shall be transmitted to the President of the United States, to be laid before Congress for its final action, on or before the first day of January, one thousand eight hundred and forty-six. *Second*. Said State, when admitted into the Union, after ceding to the United States all public edifices, fortifications, barracks, ports, and harbors, navy, and navy-yards, docks, magazines, arms, armaments, and all other property and means pertaining to the public defence belonging to said Republic of Texas, shall retain all the public funds, debts, taxes, and dues of every kind, which may belong to or be due and owing said Republic; and shall also retain all the vacant and unappropriated lands lying within its limits, to be applied to the payment of the debts and liabilities of said Republic of Texas; and the residue of said lands, after discharging said debts and liabilities, to be disposed of as said State may direct; but in no event are said debts and liabilities to become a charge upon the Government of the United States. *Third*. New States, of convenient size, not exceeding four in number, in addition to said State of Texas, and having sufficient population, may hereafter, by the consent of said State, be formed out of the territory thereof, which shall be entitled to admission under the provisions of the Federal Constitution. And such States as may be formed out of that portion of said territory lying south of thirty-six degrees thirty minutes north latitude, commonly known as the Missouri compromise line, shall be admitted into the Union with or without slavery, as the people of each State asking admission may desire. And in such State or States as shall be formed out of said territory north of said Missouri compromise line, slavery, or involuntary servitude, (except for crime,) shall be prohibited.

And be it further resolved, That if the President of the United States shall, in his judgment and discretion, deem it most advisable, instead of proceeding to submit the foregoing resolution to the Republic of Texas as an overture on the part of the United States for admission, to negotiate with that Republic, then —

Be it resolved, That a State, to be formed out of the present Republic of Texas, with suitable extent and boundaries, and with two Representatives in Congress until the next apportionment of representation, shall be admitted into the Union by virtue of this act, on an equal footing with the existing States, as soon as the terms and conditions of such admission, and the cession of the remaining Texan territory to the United States, shall be agreed upon by the Governments of Texas and the United States.

SEC. 2. *And be it further enacted*, That the sum of one hundred thousand dollars be, and the same is hereby appropriated, to defray the expenses of missions and negotiations, to agree upon the terms of said admission and cession, either by treaty to be submitted to the Senate, or by articles to be submitted to the two Houses of Congress, as the President may direct.

Approved, March 1, 1845.

On the 5th of May, the President of Texas issued his Proclamation, requiring the people to choose members of a Convention, to be held at Austin, on the 4th of July, to consider the question of annexation and the adoption of a Constitution. On the 16th of May, the Texan Congress assembled, and by a unanimous vote of both branches, the following Resolution was passed:—

Whereas the Government of the United States hath proposed the following terms, guaranties, and conditions on which the people and territory of the Republic of Texas may be erected into a new State, to be called the State of Texas, and admitted as one of the States of the American Union, to wit:

[Here follow the resolutions of the United States Congress]

And whereas, by said terms, the consent of the existing government of Texas is required: Therefore—

Be it resolved by the Senate and House of Representatives of the Republic of Texas, in Congress assembled, That the government of Texas doth consent that the people and territory of the Republic of Texas may be erected into a new State, to be called the State of Texas, with a republican form of government, to be adopted by the people of said republic, by deputies in convention assembled, in order that the same may be admitted as one of the States of the American Union; and said consent is given on the terms, guaranties, and conditions set forth in the preamble to this joint resolution.

On the 4th of July, the Texan Convention assembled at Austin, and with but one dissenting vote ratified the act of annexation to this country, adopting the *first* branch of the alternative that had been offered by the Congress of the United States. The Convention then proceeded to form a Constitution for the new State, of which the provisions relative to the Executive department require that a Governor and Lieutenant Governor shall be elected once in four years; a Secretary of State, to be appointed by the Governor and confirmed by the Senate; a Treasurer and Comptroller to be chosen biennially by joint-ballot. Two thirds are required to pass a bill over the veto. The Judges are to be appointed by the Governor and Senate.

Statistics of Texas.— The following is an extract from a letter, dated January 23, 1845, from Mr. Charles A. Raymond, then the Texan minister to the United States, to Mr. Calhoun, the Secretary of State of the United States.

It appears by President Houston's last annual message, dated the 4th of December, 1844, to the congress of Texas, that the expenditures of the government for all purposes, during his administration, up to the 1st November, 1844, excluding $50,873 82, incurred during the administration of his predecessor and paid by this, amounted to $460,209 18. The receipts during the same period were $466,158 09. Leaving a balance, after carrying on the government for the last three years, of $5,948 91.

It appears by the report of the Secretary of the Treasury of Texas, dated the 4th December, 1843, that the importations reported at the custom-houses from the 1st August, 1842, to the 31st June, 1843, amounted to $417,205 32; the exports during the same period, $415,768 75. I have not been able to obtain an accurate statement of the duties collected during the quarter ending 1st November, 1842, but I believe they may be fairly estimated at $30,000. From that time to the 31st July, 1843, a period of nine months, the duties collected amounted to $102,450 60. The amount of direct tax assessed in 1843, was $47,809 93; but how much of the same has been collected I am not informed.

According to the tax returns of 1843, the slave population at that time was 22,410; the increase since then I have at present no means of ascertaining. From the 1st August, 1842, to the 31st July, 1843, there entered the ports of Texas 273 vessels, and there cleared during the same period 288.

By the last report of the Secretary of the Treasury of Texas, dated the 1st of December, 1844, it appears that the importations reported at the custom-houses for the year

ending July 31, 1844, amounted to $636,503 03; the exports during the same time to $615,119 34. The amount of duties collected on importations was $201,413 30; the expense of collecting was $25,551 45; leaving a net revenue of $177,861 85. The amount of direct taxes assessed during the year 1844 was $50,790 52. The tax collectors have not yet made their returns of the amount collected.

The Commissioner of the Land Office of Texas, under a resolution of the Convention, compiled a statement of the contents of the territory of the Republic in square miles, the number of acres for which scrip has been issued, and other important items, as follows: —

Superficial extent of Texas, as comprised within the limits defined by statute of first Texan Congress, p. 313,	397,819 sq. miles, or 254,284,160 acres.
Total amount of land issued by the various Boards of Land Commissioners,	43,543 970 "
Total amount recommended, from the above, as good and lawful claims, by the Commissioners appointed to defeat fraudulent certificates,	10,212,206 "
Total amount issued by the Department of War, as bounty and donation claims,	6,300,000 "
Total amount of Land Scrip sold by the Government of Texas,	368,787 "
Total amount of legal claims to lands issued by the authorities of Texas,	25,880,994 "
Total amount issued by the various Boards of Land Commissioners, and supposed to be fraudulent,	24,331,764 "
Total amount of land issued by the authorities of Mexico, a portion of which is supposed to be invalid,	22,660,000 "
Total amount of public domain subject to location, and unsurveyed,	181,991,491 "

The following has been published as a statement of the Public Debt of Texas; but it is not official, and is not likely to be very correct: —

Funded by the act of 1837,	$1,085,000
" " 1840,	1,040,000
Bonds pledged,	670,000
Issued for the navy,	992,000
Bonds at 8 per cent.,	132,000
Treasury notes,	2,250,000
Land receipts,	1,500,000
Floating debt,	500,000
Making a total of	8,169,000

Texas is divided into 36 counties, and in these, at the election of a President in September, 1844, 12,752 votes were cast. We give the names of the counties, and the aggregate number of votes polled in each, which probably indicate their relative population.

Austin,	371	Harris,	686	Refugio,	5
Bastrop,	275	Harrison,	654	Robertson,	340
Bexar,	311	Houston,	521	Rusk,	294
Bowie,	189	Jackson,	99	Sabine,	299
Brazoria,	332	Jasper,	255	San Augustine,	379
Brazos,	112	Jefferson,	91	San Patricio,	92
Colorado,	262	Lamar,	517	Shelby,	445
Fanning,	370	Liberty,	486	Travis,	150
Fayette,	404	Matagorda,	197	Victoria,	137
Fort Bend,	285	Milam,	272	Washington,	601
Galveston,	557	Montgomery,	1,063		
Goliad,	5	Nacogdoches,	672		12,752
Gonzales,	228	Red River,	776		

AMERICAN STATES.

Republics of North America.

	Population.	Capitols.	Presidents.
United States,	17,069,453	Washington,	James K. Polk.
Mexico,	7,723,000	Mexico,	Gen. J. J. de Herrera.
Central America,	2,000,000	San Salvador.	
Yucatan,	580,948	Merida,	Miguel Barbachano.
Hayti,	933,000	Cape Haytien,	Gen. Louis Pierrot.
Texas,	250,000	Austin,	Anson Jones.
		Republics of South America.	
Argentine Repub.	1,000,000	Buenos Ayres,	Don Juan M. de Rosas.
Peru,	1,700,000	Lima,	General Gamarra.
New Grenada,	1,931,684	Bogotá,	General Herran.
Bolivia,	1,030,000	Chuquisaca,	General Ballivian.
Chili,	1,200,000	Santiago,	General Bulnes.
Venezuela,	900,000	Caraccas,	General Paez.
Equator,	600,000	Quito.	
Paraguay,	300,000	Assumption.	
Uruguay,	150,000	Monte Video,	Fructuoso Rivera.
		Empire.	
			Emperor.
Brazil,	5,130,418	Rio Janeiro,	Pedro II.

The present population of most of the above States has not been very recently ascertained with any exactness.

BRITISH AMERICAN PROVINCES.

Sir Charles T. Metcalfe, *Governor-General, Vice-Admiral, and Captain-General of all the British Provinces of North America.*

Provinces.	Area in sq. miles.	Population.	Lieutenant-Governors.
East Canada, . . .	194,815	693,649	
West Canada, . . .	147,000	506,055	
New Brunswick, . .	27,700	130,000	Sir W. Colebrooke.
Nova Scotia, with C. Breton,	17,500	199,870	Viscount Falkland.
Prince Edward's Island, .	2,134	34,666	Capt. H. V. Huntley.
Newfoundland, . .	35,913	81,517	Sir John Harvey.
Honduras, . . .	62,740	3,958	Col. Fancourt.

Statistics of East Canada.

The total population is	693,649
Of these there are, natives of Canada, of French origin,	516,565
Natives of Canada, of British origin,	85,075
" " England,	11,886
" " Ireland,	44,002
" " Scotland,	13,341
" " Continental Europe,	2,353
" " United States,	11,943

	Males.		Females.	
1 year old and under,	16,450		15,054	
Total under 5,	66,230		66,241	
5 and under 10,	46,490		46,517	
10 and under 15,	45,727		44,596	
	Unmarried.	Married.	Unmarried.	Married.
15 and under 21,	39,513	2,011	38,169	6,705
21 and under 30,	20,023	22,999	17,345	30,909
30 and under 40,	5,982	38,502	5,891	32,221
40 and under 50,	3,250	25,637	5,083	22,143
50 and under 60,	2,158	15,096	2,355	12,412
60 and upwards,	2,857	13,420	4,603	10,118
	73,783	112,765	74,446	114,508

There are of the Church of England,	43,674
" " " " " " Scotland,	26,725
" " " " " " Rome,	571,714
British Wesleyan Methodists,	10,814

There are 106,803 inhabited dwelling houses, 4,041 vacant and 1,643 in the progress of erection, making 112,487.

There are 121,441 qualified voters at elections for members of Parliament.

There are 7,540,450 occupied acres of land, of which 3,083,949 are under cultivation.

The produce of the year 1843 has been returned as follows: —

Wheat,	944,909	Indian corn,	140,947
Barley,	1,221,710	Buckwheat,	385,043½
Rye,	340,458	Potatoes,	9,914,639½
Oats,	6,989,933½	Total Winchester bushels,	21,365,943½
Peas,	1,428,303		
The return of Oxen, &c. is —	559,626	Swine,	197,017
Horses,	144,530	Total,	1,502,916
Sheep,	601,243		

The manufactures are — Of fulled cloth,	773,127½ yards.
Linen or cotton,	845,562½
Flannel,	641,817½
Making a total of	2,264,507½

Education. — There are 63 colleges, academies, and convents, and 1,566 elementary schools, making a total of 1,629 educational establishments, at which there are 31,432 males taught, and 25,146 females; making a total attendance of 56,578.

EUROPE.

REIGNING SOVEREIGNS OF EUROPE.

Name.	Title.	State.	Date of Birth.	Date of Accession.	Age at acces.	Religion.
Oscar I.	King	Sweden and Norway	July, 1799	Mar. 8, 1841	45	Lutheran
Nicholas I.	Emperor	Russia	July 6, 1796	Dec. 1, 1825	29	Gr'k Ch.
Christian VIII.	King	Denmark	Sept. 18, 1786	Dec. 3, 1839	54	Lutheran
Victoria	Queen	Great Britain	May 24, 1819	June 20, 1837	18	Pr. Ep.
William II.	King	Holland or Netherlands	Dec. 6, 1792	Oct. 7, 1840	48	Reform'd
Leopold	do.	Belgium	Dec. 16, 1790	July 21, 1831	40	Luth'n*
Fred. Wm. IV.	do.	Prussia	Oct. 15, 1795	June 7, 1840	45	Evang'l
Frederick	do.	Saxony	May 18, 1797	June 6, 1836	39	Catholic*
Ern. Augustus	do.	Hanover	June 5, 1771	July 20, 1837	66	Protes'nt
Fred. Francis	Gr. Duke	Mecklenburg-Schwer.	Feb. 28, 1823	Mar. 7, 1842	19	Lutheran
George V.	do.	Mecklenburg-Strelitz.	Aug. 12, 1779	Nov. 6, 1816	37	do.
Augustus	do.	Oldenburg	July 13, 1783	May 21, 1829	46	do.
William	Duke	Brunswick	April 25, 1806	April 25, 1831	25	do.
Adolphus	do.	Nassau	July 24, 1817	Aug. 20, 1839	22	Evang'l
Ch. Frederick	Gr. Duke	Saxe-Weimar-Eisen	Feb. 2, 1783	June 14, 1828	45	Lutheran
Ernest	Duke	Saxe-Coburg-Gotha	Jan. 2, 1784	Dec. 9, 1806	22	do.
Bernard	do.	Saxe-Meiningen-Hild.	Dec. 17, 1800	Dec. 24, 1803	3	do.
Joseph	do.	Saxe-Altenburg	Aug. 27, 1789	Sept. 29, 1834	45	do.
Leopold	do.	Anhalt-Dessau	Oct. 1, 1794	Aug. 9, 1817	22	Evang'l
Alexander	do.	Anhalt-Bernburg	March 2, 1805	Mar. 24, 1834	29	do.
Henry	do.	Anhalt-Cothen	July 30, 1778	Aug. 23, 1830	52	Reform'd
Fred. Gunther	Prince	Schwartz'g Rudolst't.	Nov. 6, 1793	April 28, 1807	13	Lutheran
Gunther II.	do.	Schwartz'g Sonder'n	Sept. 24, 1801	Sept. 3, 1835	33	do.
Henry XX.	do.	Reuss, Elder Line	June 29, 1794	Oct. 31, 1836	40	do.
Henry LXII.	do.	Reuss, Younger Line	May 31, 1785	April 17, 1818	32	do.
Leopold	do.	Lippe-Detmold	Nov. 6, 1796	April 4, 1802	5	Reform'd
George William	do.	Lippe-Schauenburg	Dec. 20, 1784	Feb. 13, 1787	2	do.
George	do.	Waldeck	Sept. 20, 1789	Sept. 9, 1813	24	Evang'l
Philip Augustus	L'ndg've	Hesse-Homburg	March 11, 1779	Jan. 19, 1839	60	Reform'd
Ch. Leopold Fr.	Gr. Duke	Baden	Aug. 29, 1790	Mar. 30, 1830	40	Evang'l
William II.	Elector	Hesse-Cassel	July 28, 1777	Feb. 27, 1821	44	Reform'd
Louis II.	Gr. Duke	Hesse-Darmstadt	Dec. 26, 1777	April 6, 1830	52	Lutheran
Charles Antony	Prince	Hohenzol'n Sigmar'n	Feb. 20, 1785	Oct. 17, 1831	46	Catholic
Frederick Wm.	do.	Hohenzol'n Hechin'n	Feb. 16, 1801	Sept. 12, 1838	37	do.
Aloys Joseph	do.	Lichtenstein	May 26, 1796	April 20, 1836	39	do.
William	King	Wurtemburg	Sept. 27, 1781	Oct. 30, 1816	35	Lutheran
Louis	do.	Bavaria	Aug. 25, 1786	Oct. 13, 1825	39	Catholic
Ferdinand	Emperor	Austria	April 19, 1793	Mar. 2, 1835	42	do.
Louis Philip	King	France	Oct. 6, 1773	Aug. 9, 1830	57	do.
Isabella II.	Queen	Spain	Oct. 10, 1830	Sept. 29, 1833	3	do.
Maria II.	do.	Portugal	April 4, 1819	May 2, 1826	7	do.
Charles Albert	King	Sardinia	Oct. 2, 1798	April 27, 1831	32	do.
Leopold II.	Gr. Duke	Tuscany	Oct. 3, 1797	June 18, 1824	26	do.
Maria Louisa	Duchess	Parma	Dec. 12, 1791	May 30, 1814	22	do.
Francis IV.	Duke	Modena and Massa	Oct. 6, 1779	June 8, 1815	35	do.
Charles Louis	do.	Lucca	Dec. 23, 1799	Mar. 13, 1824	24	do.
Gregory XVI.	Pope.	States of the Church	Sept. 18, 1765	Feb. 2, 1831	65	do.
Ferdinand II.	King	Two Sicilies	Jan. 12, 1810	Nov. 8, 1830	20	do.
Otho	do.	Greece	June 1, 1815	May 7, 1832	17	do.*
Abdul Medjid	Sultan	Turkey	April 20, 1823	July 1, 1839	16	Mahom'n

* The King of Saxony is a *Catholic*, though the greater part of his subjects are *Protestants;* the King of Belgium is a *Protestant*, though his subjects are mostly *Catholics;* and the King of Greece is a *Catholic*, though most of his subjects are of the *Greek Church.*

STATES OF EUROPE

with the form of Government, Square Miles, and Population, according to Mc Culloch's Geographical Dictionary, with corrections.

States and Titles.	Form of Government.	Square Miles.	Population
Andorre, Pyrenees, *Republic*,	With two syndics and a council,	190	7,000
*Anhalt-Bernburg, *Duchy*,	States having limited powers,	336	46,920
*Anhalt-Cothen, *do.*	Do. do.	310	40,200
*Anhalt-Dessau, *do.*	Do. do.	337	61,480
*Austria, *Empire*,	Absolute monarchy, except Hungary, &c.	255,226	36,519,560
*Baden, *Grand Duchy*,	Limited sovereignty; — two chambers,	5,712	1,263,100
*Bavaria, *Kingdom*,	Limited monarchy; do.	28,435	4,315,469
Belgium, *do.*	Do. do.	12,569	4,242,600
*Bremen, *Free City*,	Republic; — senate and convention,	67	57,800
*Brunswick, *Duchy*,	Limited sovereignty; — one chamber,	1,525	269,000
Church, States of, *Popedom*,	Absolute elective sovereignty,	17,048	2,732,436
Cracow, *Republic*,	Senate and chamber of representatives,	490	131,462
Denmark, *Kingdom*,	Absolute monarchy; — with prov. states,	59,762	2,033,265
France, *do.*	Limited monarchy; — two chambers,	202,125	34,194,875
*Frankfort, *Free City*,	Republic; — senate and legislative body,	91	64,570
Great Britain, *Kingdom*,	Limited monarchy; — lords and commons,	116,700	26,831,105
Greece, *do.*	Limited monarchy,	10,206	926,000
*Hamburg, *Free City*,	Republic; — senate and common council,	149	153,500
*Hanover, *Kingdom*,	Limited monarchy; — two chambers,	14,600	1,706,280
*Hesse-Cassel, *Electorate*,	Limited sovereignty; — one chamber,	4,386	704,900
*Hesse-Darmstadt, *G. Duchy*,	Limited sovereignty; — two chambers,	3,198	783,400
*Hesse-Homburg, *Landg'v'te*	Absolute sovereignty,	154	23,400
*Hohenzollern-Hechingen *Pr.*	Limited; — one chamber,	136	20,200
*Hohenzol.-Sigmaringen, *do.*	Do. do.	383	42,990
Holland, with Luxemburg,	Limited monarchy; — two chambers,	13,890	2,915,396
Ionian Islands, *Republic*,	Under Brit. protec.; — council and chamb.	998	208,100
*Lichtenstein, *Principality*,	Limited monarchy, with one chamber,	52	6,520
*Lippe-Detmold, *do.*	Do. do.	422	82,970
*Lubec, *Free City*,	Republic; — senate and common council,	142	47,200
Lucca, *Duchy*,	Limited sovereignty, with one chamber,	410	158,900
*Mecklen.-Schweren, *G. Du.*	Limited monarchy, with one chamber,	4,701	482,652
*Mecklenburg-Strelitz, *do.*	Do. do.	1,094	87,820
Modena and Massa, *Duchy*,	Absolute sovereignty,	2,073	403,000
Monaco, *Principality*,	Do.	50	7,000
*Nassau, *Duchy*,	Limited sovereignty; — two chambers,	1,736	379,262
*Oldenburg, *Grand Duchy*,	Absolute sovereignty,	2,470	267,660
Parma, *Duchy*,	Do.	2,184	465,673
Portugal, *Kingdom*,	Limited monarchy; — one chamber of rep.	34,500	3,550,000
*Prussia, *do.*	Absolute monarchy; — provincial states,	106,302	14,330,146
*Reuss, *Principalities of*	Limited sovereignty; — one chamber,	588	103,550
‡Russia, *Empire*,	Absolute monarchy,	2,041,809	62,500,000
San Marino, *Republic*,	Senate and council of ancients,	21	7,600
Sardinia, *Kingdom*,	Absolute monarchy,	28,830	4,168,797
*Saxony, *do.*	Limited monarchy; — two chambers,	5,705	1,652,114
*Saxe-Altenburg, *Duchy*,	Limited monarchy; — one chamber,	491	121,590
*Saxe-Coburg and Gotha, *do.*	Do. do.	790	140,050
*Saxe-Mein.-Hildburg., *do.*	Do. do.	880	148,590
*Saxe-Wiemar-Eisenach, *do.*	Do. do.	1,403	245,820
*Schwartzburg, *Principal. of*	Do. do.	756	55,610
*Schauenburg-Lippe, *Prin.*	Do. do.	205	27,600
Sicilies, The Two, *Kingdom.*	Limited monarchy, with a council,	41,521	7,975,850
Spain, *do.*	Limited monarchy, with a legislature,	176,480	12,286,941
Sweden and Norway, *do.*	Lim. monarchy, with a diet and storthing,	284,530	4,156,900
Switzerland, *Republic*,	Confederation of republics; — a diet,	17,208	2,125,480
§Turkey, *Empire*,	Absolute monarchy,	183,140	9,545,000
Tuscany, *Grand Duchy*,	Absolute sovereignty,	8,302	1,436,785
*Waldeck, *Principality*,	Limited sovereignty; — one chamber,	455	56,480
*Wurtemburg, *Kingdom*,	Limited monarchy; — two chambers,	7,568	1,634,654
	Total, ...	3,706,871	

* Member of the Confederation of Germany. ‡ Including Poland.
§ Including Wallachia, Moldavia, and Servia.

GREAT BRITAIN.

The Royal Family.

The Queen. Alexandrina Victoria, born May 24, 1819; married Feb. 10, 1840, to Prince Albert Francis Augustus Charles Emanuel, of Saxe Coburg and Gotha, born Aug. 26, 1819.

Princess Royal. Victoria Adelaide Mary Louisa, born Nov. 21, 1840.

Prince of Wales. Albert Edward, born Nov. 9, 1841.

Princess Royal. Alice Maud Mary, born April 25, 1843.

A Royal Prince, Alfred Ernest Albert, born August 6, 1844.

The Queen Dowager. Adelaide Amelia Louisa Teresa Caroline, widow of King William IV., sister of the reigning Duke of Saxe-Meiningen, born August 13, 1792.

Her Majesty's Mother. Victoria Maria Louisa, Princess Dowager of Leiningen, Duchess of Kent, born Aug. 17, 1786.

Royal Princes and Princesses.

Ernest Augustus, (King of Hanover,) Duke of Cumberland, born June 5, 1771, married May 29, 1815, to Frederica Carolina Sophia, daughter of the Duke of Mecklenburgh-Strelitz, and widow of Frederic William, Prince of Solms-Braunfels, born March 2, 1778. *Issue,* George Frederic, born May 27, 1819.

Adolphus Frederick, Duke of Cambridge, born Feb. 24, 1774, married May 7, 1818, to Augusta Wilhelmina Louisa, daughter of the Landgrave of Hesse, born July 25, 1797. *Issue,* George William, born March 26, 1819; Augusta Caroline, July 19, 1822; Mary Adelaide, Nov. 27, 1833.

Mary, Duchess of Gloucester, born April 25, 1776.

Sophia, born Nov. 3, 1777.

Ministry.—*September,* 1841.

		Salary.
Sir Robert Peel, *Bart.,*	*First Lord of the Treasury,*	£5,000
Lord Lyndhurst,	*Lord High Chancellor,*	14,000
Lord Wharncliffe,	*Lord President of the Council,*	2,000
Duke of Buccleuch,	*Lord Privy Seal,*	2,000
Sir James R. G. Graham,	*Secretary of State — Home Dep.*	5,000
Earl of Aberdeen,	*Secretary of State — Foreign Dep.*	5,000
Lord Stanley,	*Secretary of State — Colonial Dep.*	5,000
Rt. Hon. Henry Goulburn,	*Chancellor of the Exchequer,*	5,000
Earl of Haddington,	*First Lord of the Admiralty,*	4,500
Sir Edward Knatchbull,	*Paymaster-General,*	2,500
Earl of Ripon,	*President of Board of Control,*	2,000
Duke of Wellington,	*Commander of the Forces.*	
	**** The above form the Cabinet.*	
Lord Dalhousie,	*President of the Board of Trade.*	
Mr. Sydney Herbert,	*Secretary at War,*	2,580

Sir George Cockburn,	*Lord Commissioner of the Admiralty.*
Sir W. Hall Gage,	" " " "
Adm. William Bowles,	" " " "
Capt. William Gordon,	" " " "
Hon. H. T. Lowry Cole,	" " " "
Earl of Liverpool,	*Lord Steward of the Household.*
Earl of Jersey,	*Master of the Horse.*
Earl of Rosslyn,	*Master of Stag-Hounds.*
Sir Frederick Thesiger,	*Attorney-General.*
Fitzroy Kelly,	*Solicitor-General.*
Sir Henry Hardinge,	*Governor-General of India.*

IRELAND.

Lord Heytesbury,	*Lord Lieutenant,*	£20,000
Sir Edward B. Sugden,	*Lord Chancellor,*	8,000
Sir Thomas Freemantle,	*Secretary of State.*	
T. B. C. Smith,	*Attorney-General.*	
R. W. Greene,	*Solicitor-General.*	

PARLIAMENT.

The Parliament of Great Britain consists of a House of Lords and a House of Commons.

The House of Lords consists of Lords Temporal, who are Peers of the realm, and whose honors, immunities, and privileges are hereditary; and Lords Spiritual, consisting of Archbishops and Bishops.

The House of Lords is composed of all the five orders of nobility of England, viz: dukes, marquises, earls, viscounts, and barons, who have attained the age of 21 years, and labor under no disqualification; of 16 representative peers from Scotland; 28 representative peers from Ireland; 2 English archbishops and 24 bishops, and 4 representative Irish bishops. The number of each, in 1845, was as follows:

Dukes, (3 Royal Dukes,)	23	Peers of Scotland, (elected 1841,)	16
Marquises,	20	Peers of Ireland, (elected for life,)	28
Earls,	116	English Archbishops and Bishops,	26
Viscounts,	21	Irish Archbishops and Bishops,	4
Barons,	200	*Total,*	454

HOUSE OF COMMONS.

Elected July, 1841.— Rt. Hon. Charles S. Lefevre, *Speaker.*

The House of Commons consists of knights, citizens, and burgesses, respectively chosen by counties, cities, and boroughs, apportioned as follows:

England and Wales, for	Counties,	159		
	Universities,	4	500	
	Cities and boroughs,	337		
Scotland, for	Counties,	30	53	
	Cities and boroughs,	23		
Ireland, for	Counties,	64	105	
	Universities,	2		
	Cities and boroughs,	39		
Total,				658

The Union of Ireland was carried into effect January 1st, 1801: and the Parliament which sat the same month, and which included the members from Ireland, is styled the *1st Imperial Parliament;* and the Parliament which assembled January 29, 1833, is styled the *11th Imperial, or 1st Reformed Parliament.* The following table exhibits the succession of Parliaments since the union with Ireland:

	When assembled.	When dissolved.	Existed.		
			Y.	M.	D.
2d Imperial Parliament,	August 31, 1802	October 24, 1806	4	1	25
3d do. do.	November 25, 1806	May 27, 1807	0	6	2
4th do. do.	November 27, 1807	September 29, 1812	4	10	2
5th do. do.	November 24, 1812	June 10, 1818	5	6	16
6th do. do.	August 4, 1818	February 29, 1820	1	6	25
7th do. do.	April 23, 1820	June 2, 1826	6	1	9
8th do. do.	November 14, 1826	July 24, 1830	4	1	22
9th do. do.	October 26, 1830	April 22, 1831	0	5	27
10th do. do.	June 14, 1831	December 3, 1832	0	5	20
11th Im or 1st Ref. do.	January 29, 1833	December 30, 1834	2	0	25
12th do. 2d do.	February 19, 1835	July 17, 1837	1	4	28
13th do. 3d do.	October 15, 1837	June 23, 1841	4	1	2
14th do. 4th do.	August 19, 1841				

JUDICIARY.

High Court of Chancery.—Lord Lyndhurst, *Lord High Chancellor;* salary, £14,000:—Lord Langdale, *Master of the Rolls*, £7,000:—Sir Launcelot Shadwell, Sir J. L. Knight Bruce, and Sir James Wigram, *Vice Chancellors*, £6,000 each.

Court of the Queen's Bench.—Lord Denman, *Lord Chief Justice;* £10,000:—Sir J. Patteson, Sir J. Williams, Sir J. T. Coleridge, and Sir Wm. Wightman, *Judges*, £5,500 each.

Court of Common Pleas.—Sir N. C. Tindal, *Lord Chief Justice*, £8,000: Sir Th. Coltman, T. Erskine, Sir W. H. Maule, and Sir C. Creswell, *Judges*, £5,500 each.

Court of Exchequer.—Sir Frederic Pollock, *Lord Chief Baron*, £7,000: Sir James Parke, Sir E. H. Alderson, Sir R. M. Rolfe, Sir Thomas Platt, *Barons*, £5,500 each.

Scotland.

Court of Sessions.—*1st Division.* David Boyle, *Lord President*, £4,300: J. H. Mackenzie, *Lord* Mackenzie; J. Fullerton, *Lord* Fullerton; Francis Jeffrey, *Lord* Jeffrey, *Judges*, £2,000 each.

2d Division.—John Hope, *Lord Justice Clerk*, £4,000.—J. H. Forbes, *Lord* Medwyn; Sir J. W. Moncrieff, *Lord* Moncrieff; H. Cockburn, *Lord* Cockburn, *Judges*, £2,000 each.—Those of the Judges who are also Judges of the Criminal Court, have an additional £600 a year.

Outer House; Permanent Lords Ordinary, attached equally to both Divisions of the Court. J. Cunninghame, *Lord* Cunninghame; Sir J. A. Murray, *Lord* Murray; James Ivory, *Lord* Ivory; Alexander Wood, *Lord* Wood; Patrick Robertson, *Lord* Robertson.

Ireland.

Court of Chancery.—Sir Edward B. Sugden, *Lord Chancellor*, £8,000: Francis Blackburne, *Master of the Rolls*, £4,500.

Court of the Queen's Bench.—Hon. E. Pennefather, *Lord Chief Justice*, £5,076. Charles Burton, Philip C. Crampton, Louis Perrin, *Judges*, £3,692 each.

Court of Common Pleas.—Hon. John Doherty, *Lord Chief Justice*, £4,615. Robert Torrens, Nicholas Ball, and J. D. Jackson, *Judges*, £3,692 each.

ARCHBISHOPS AND BISHOPS OF ENGLAND.

Cons.	*Archbishops.*	Dioceses.	No. Benefices.	Gross Income.
1813	Wm. Howley, D. D., *Primate.*	Canterbury,	346	£129,946
1791	Edward Harcourt, D. C. L.	York,	891	223,220
	Bishops.			
1824	Charles J. Blomfield, D. D.	London,	640	267,662
1831	Edward Maltby, D. D.	Durham,	192	74,557
1826	Charles R. Sumner, D. D.	Winchester,	419	153,995
1812	George Henry Law, D. D.	Bath and Wells,	430	120,310
1820	John Kaye, D. D.	Lincoln,	1,251	373,976
1820	William Carey, D. D.	St. Asaph,	143	42,592
1824	Christopher Bethell, D. D.	Bangor,	123	35,064
1827	George Murray, D. D.	Rochester,	94	44,565
1827	Edward Copleston, D. D.	Llandaff,	192	36,347
1829	Richard Bagot, D. D.	Oxford,	196	51,895
1830	James Henry Monk, D. D.	Glouces. & Bristol,	536	158,608
1830	Henry Phillpotts, D. D.	Exeter,	613	194,181
1836	Joseph Allen, D. D.	Ely,	150	56,495
1842	Ashurst Turner Gilbert, D.D.	Chichester,	267	82,673
1837	Edward Denison, D. D.	Salisbury,	397	134,255
1837	Edward Stanley, D. D.	Norwich,	1,026	331,750
1837	Thomas Musgrave, D. D.	Hereford,	321	93,552
1839	George Davys, D. D.	Peterborough,	293	98,381
1843	John Lonsdale, D. D.	Litchfield and Cov.	610	170,104
1839	H. Pepys, D. D.	Worcester,	223	73,255
1840	Connop Thirlwall, D. D.	St. David's,	409	60,653
1827	Hugh Percy, D. D.	Carlisle,	124	22,487
1828	John Bird Sumner, D. D.	Chester,	630	120,310
1836	Charles Th. Longley, D. D.	Ripon,		
1841	T. V. Short, D. D.	Sodor and Man,	23	3,727

Archbishops and Bishops of Ireland.

Cons.	Archbishops.	Dioceses.	Cons.	Bishops.	Dioceses.
1805	Lord J. G. Beresford, D. D.	Armagh.	1842	J. T. O'Brien, D. D.	Ferns & L.
1831	Richard Whately, D. D.	Dublin.	1812	John Leslie, D. D.	*Elphin.
			1820	Richard Mant, D. D.	Down&Con
	Bishops.		1828	Rich'd Ponsonby, D. D.	Derry.
			1831	Samuel Kyle, D. D.	Cork.
1842	Edward Stopford, D. D.	Meath.	1831	Edmund Knox, D. D.	Limerick.
1803	Charles Lindsay, D. D.	*Kildare.	1839	Thomas Plunket, D. D.	Tuam & K.
1804	Ld. R. P. Tottenham, D. D.	*Clogher.	1839	Ludlow Tonson, D. D.	Killaloe.
1842	Robert Daly, D. D.	Cashel, &c.			

* The bishoprics thus marked are to be abolished when they become vacant.

English Colonial Bishops.

Cons.	Bishops.	Dioceses.	Allowance.	Clergy.
1825	John Inglis, D. D.	Nova Scotia,	£2,400	
1843	Aubrey George Spencer, D. D.	Jamaica,	4,000	
1842	Thomas Parry, D. D.	Barbadoes,	4,000	
1832	Daniel Wilson, D. D.	Calcutta,	5,000	37
1836	George J. Mountain, D. D.	Quebec,	1,500	
1836	Thomas Carr, D. D:	Bombay,	2,500	12
1836	Wm. Grant Broughton, D. D.	Australia,	2,000	
1837	G. T. Spencer, D. D.	Madras,	2,500	24
1839	John Strachan, D. D.	Toronto.		
1844	Edward Field, D. D.	Newfoundland		
1845	John Medley, D. D.	Fred'cton,N.B.		
1841	G. A. Selwyn,	New Zealand.		
1842	W. P. Austen, D. D.	Brit. Guiana.		
1842	George Tomlinson, D. D.	Malta&Gibral.		
1845	James Chapman,	Columbo, Cey.		
1842	F. R. Nixon, D. D.	Tasmania.		
1842	D. G. Davis, D. D.	Antigua.		

FRANCE.

Ministry.— October 29, 1840.

Marshal Soult, Duke of Dalmatia,	*Pres. of the Council and Min of War.*
M. Guizot,	*Minister of Foreign Affairs.*
M. Martin (du Nord,)	*Minister of Justice and Public Worship.*
Admiral Duperrè,	*Minister of Marine and the Colonies.*
Count Duchatel,	*Minister of the Interior.*
M. Cunin Gridaine,	*Minister of Commerce and Agriculture.*
M. Teste,	*Minister of Public Works.*
M. Villemain, (Peer,)	*Minister of Public Instruction.*
M. Lacave Laplagne,	*Minister of Finance.*

POPULATION OF IRELAND.

Counties and Towns.	Area in Statute Acres.	Total number of Males and Females.	Total number of Houses.	Total number of Families.	Chiefly employed in		
					Agriculture.	Manufact'es, Trade, &c.	Other Pursuits.
Antrim,	743,881	276,188	50,595	50,910	27,174	10,239	3,497
Belfast Town,	1,972	75,308	12,875	15,172	2,532	9,897	2,743
Carrickfergus,	16,700	9,379	1,681	1,865	669	820	376
Armagh,	328,076	232,393	43,576	43,175	24,260	15,966	2,949
Carlow,	221,342	86,228	14,562	15,210	10,498	3,139	1,573
Cavan,	477,360	243,158	42,383	42,592	31,887	8,338	2,367
Clare,	827,994	286,394	46,099	48,981	37,834	7,445	3,702
Cork,	1,843,650	773,398	125,360	133,295	97,723	22,397	13,175
—— City of	2,683	80,720	10,113	16,499	4,272	8,529	3,698
Donegal,	1,193,443	296,448	53,503	53,899	38,147	12,761	2,991
Down,	611,919	361,446	68,890	68,153	35,291	27,474	5,388
Drogheda Town,	472	16,261	3,429	3,566	863	1,866	837
Dublin,	222,714	140,047	23,689	26,765	12,867	6,971	6,927
—— City of	3,700	232,726	21,771	49,511	7,333	27,729	14,449
Fermanagh,	457,195	156,481	27,844	28,654	20,665	6,127	1,862
Galway,	1,565,726	422,923	72,890	74,655	58,609	10,809	5,237
—— Town of	628	17,275	2,504	3,713	780	1,969	964
Kerry,	1,186,126	293,880	48,231	51,593	39,985	7,749	3,859
Kildare,	418,436	114,488	29,388	20,338	12,517	3,385	4,436
Kilkenny,	508,811	183,349	19,981	30,874	22,696	5,021	3,157
—— City of	921	19,071	8,357	3,931	1,118	1,899	914
King's,	493,985	146,857	25,584	26,683	17,582	4,461	4,640
Leitrim,	392,363	155,297	26,649	27,192	21,663	4,067	1,462
Limerick,	678,224	261,638	43,942	46,652	35,878	6,713	4,061
—— City of	2,618	48,391	5,866	9,686	2,851	4,653	2,182
Londonderry,	518,595	522,174	41,044	41,114	23,089	15,100	2,856
Longford,	269,409	115,491	19,859	20,579	15,363	3,705	1,511
Louth,	201,434	111,979	20,811	21,029	13,099	5,623	2,297
Mayo,	1,363,882	388,887	70,527	70,910	56,605	10,029	4,276
Meath,	579,899	183,828	31,760	32,737	23,978	6,043	2,716
Monaghan,	319,757	200,442	36,485	36,934	26,800	8,078	2,038
Queen's,	424,854	153,920	26,408	27,442	19,346	5,098	3,003
Roscommon,	607,691	253,591	45,068	46,387	36,739	6,206	3,442
Sligo,	461,753	180,886	32,239	32,837	24,060	5,454	2,419
Tipperary,	1,061,731	435,553	68,650	74,570	52,805	13,512	8,253
Tyrone,	806,640	312,956	57,891	57,337	37,276	16,923	3,138
Waterford,	460,884	172,971	26,254	28,531	20,499	5,159	2,873
—— City of	669	23,216	3,150	5,347	1,136	2,832	1,379
Westmeath,	453,468	141,300	24,803	25,693	18,090	4,860	2,743
Wexford,	576,588	202,033	34,718	36,594	24,664	8,147	3,783
Wicklow,	500,178	126,143	19,931	21,182	14,032	4,740	2,410
Total,	20,808,271	8,175,124	1,384,360	1,472,787	974,188	352,016	146,583

SUMMARY BY PROVINCES.

Leinster,	4,876,211	1,973,731	320,051	362,134	214,046	92,692	55,396
Munster,	6,064,579	2,396,161	377,665	415,154	292,983	78,989	43,182
Ulster,	5,475,438	2,396,373	436,767	439,805	267,799	141,801	30,205
Connaught,	4,392,043	1,418,859	249,877	255,694	199,360	38,534	17,800
Total,	20,808,281	8,175,124	1,384,360	1,472,787	974,188	352,016	156,583

STATISTICS OF THE EUROPEAN UNIVERSITIES.

When founded.	Place.	No. of Students			When founded.	Place.	No. of Students		
		1831.	1836.	1841.			1831.	1836.	1841.
1150	Bologna.	600	410	560	1575	Leyden,	800	770	620
1189	Montpelier,	730	730	780	1580	Oviedo,	420	430	450
1206	Paris,	5,680	7,260	7,000	1581	Olmütz,	55	105	200
1222	Salamanca,	460	400	500	1582	Würzburg, rend,			
1224	Naples,	1,400	1,420	1,550	1591	Dublin,	1,250	1,310	1,350
1228	Padua,	450	1,300	1,500	1581	Edinburgh,	2,020	2,050	2,200
1233	Toulouse,	1,190	1,280	1,300	1607	Giessen,	220	210	430
1248	Rome,	600	700	680	1614	Gröningen,	300	265	280
1249	Oxford,	5,000	5,154	5,200	1621	Strassburg,	815	850	880
1279	Cambridge,	5,380	5,467	5,530	1632	Dorpat,	500	540	595
1300	Lyons,	70	70	80	1634	Utrecht,	580	490	520
1307	Perugia,	200	210	210	1665	Kiel,	380	300	390
1308	Coimbra,			1,900	1668	Lund,	600	650	650
1337	Sienna,	200	245	260	1672	Innspruck,	400	400	500
1338	Pisa,	510	545	580	1694	Halle,	640	650	700
1346	Valladolid,	1,280	1,200	1,300	1702	Breslau,	700	800	700
1348	Prague,	1,400	1,430	1,460	1705	Moscow,	850	970	1,360
1354	St. Guescar,	550	535	550	1717	Cervera,	570	570	600
1361	Pavia,	1,300	1,460	1,590	1725	Dijon,	410	420	450
1365	Vienna,	2,400	2,500	2,700	1734	Göttingen,	1,260	1,100	700
1368	Geneva,	210	220	330	1742	Erlangen,	260	350	310
1385	Heidelburg,	900	600	660	1764	Cagliari,	240	240	260
1403	Würzburg,	400	510	450	1766	Sassari,	225	230	240
1409	Aix,	115	120	120	1784	Lemburg,	800	880	1,060
1409	Leipsic,	1,000	980	950	1800	Montauban,	360	370	400
1410	Valencia,	1,600	1,410	1,600	1800	Rouen,	65	70	85
1411	St Andrews,	180	185	200	1801	Rennes,	260	280	315
1412	Turin,	1,200		1,300	1803	Kasan,	130	150	190
1419	Rostock,	100	90	115	1803	Charkow,	290	300	330
1426	Louvain,				1803	Wilna,	400	500	610
1431	Poicters,	206	220	250	1810	Berlin,	1,690	1,800	2,090
1433	Caen,	270	280	295	1806	Lausanne,	200	200	230
1433	Florence,	170	200	220	1811	Christiania,	600	655	710
1441	Bordeaux,	105	110	120	1812	Genoa,	450	500	610
1445	Catania,	500	500	600	1816	Liege,	350	360	350
1447	Palermo,	600	600	735	1816	Ghent,	220	280	340
1456	Greifswalde,	200	220	250	1816	Warsaw,	600	260	400
1457	Freiburg,	300	350	300	1817	Cracow,	200	300	300
1458	Glasgow,	1,500	1,500	1,600	1818	Bonn,	690	700	630
1460	Basel,	130	110	140	1819	St. Petersburg,	1,000	1,120	1,300
1465	Pesth,	1,690	1,800	1,900	1823	Corfu,	300	300	300
1471	Aberdeen,	460	480	510	1824	Camerino,	100	200	210
1474	Toledo,	250	205	260	1824	Macerata,	80	250	320
1474	Saragossa,	1,110	800	1,100	1824	Fermo,	100	200	235
1475	Copenhagen,	1,100	1,200	1,260	1824	Ferrara,	60	120	200
1476	Upsala,	1,160	1,300	1,450	1826	Munich,	500	1,260	1,350
1477	Tübingen,	600	700	740	1828	London,	430	610	960
1486	Grätz,	360	400	510	1828	Helsingfors,	570	395	440
1499	Alcala,	360	310	370	1830	Kiew,		160	300
1504	Seville,	840	620	800	1833	Zurich,		185	200
1525	Marburg,	260	260	290	1834	Berne,		150	200
1531	Granada,	835	820	810	1835	Louvain, renewed,		400	660
1532	St. Jago,	1,050	1,000	1,100	1837	Brussels,			60
1544	Königsberg,	350	370	400	1838	Athens,			180
1548	Jena,	600	500	470	1838	Messina,			60
1552	Oriola,	130	90	130	1838	Malta,			200
1564	Besançon.	76	70	70					

AMERICAN OBITUARY.

1844.

Dec. 11. — In Burlington, Vt., *Hon. Heman Allen*, formerly member of Congress from that district, and at one period U. S. minister to Chili, aged 68.

Sept. 1. — At Woodville, Miss., *Rev. Horace Beach*, pastor of the Presbyterian Church.

Dec. 8. — In Middleburg, Loudoun county, Va., *Col. Noble Beveridge*, in the 67th year of his age. Col. Beveridge was one of the oldest citizens of the village, in which he settled as a merchant in very early life, and where he pursued his occupation until a few years past, with an industry and perseverance which were crowned by signal success. He left a very large fortune, the fruits of his well-directed enterprise.

Nov. 20. — In Louisiana, *Hon. Ratliff Boone*, aged 63, formerly a member of Congress from the State of Indiana.

Dec. 13. — In Beverly, *Dr. Edward Bradstreet*, aged 31, after a lingering consumption of more than three years, which he bore with exemplary patience and Christian resignation. He was the youngest son of the late Dr. Bradstreet, of Newburyport. He graduated at Harvard University, in August, 1834. Since then he has resided, for the most part, in Beverly. In his public relations, whether as teacher, physician, or town officer, Dr. Bradstreet was uniformly attentive, active, and faithful. In private life he was an agreeable companion, as well as a grateful and obliging friend.

Nov. 4. — Near Williamsport, Md., *Hon. John Buchanan*, in his 71st year, for thirty-eight years a judge of the court of appeals of Maryland, and for twenty-one years chief judge. He was a native of Prince George's Co., but at the time of his appointment resided in Washington Co., where he lived till his death. He was appointed by General Washington a paymaster of the forces sent to put down the *Whiskey Insurrection* in Pennsylvania. He was early in life elected to the legislature. and was a prominent member of the democratic party in the exciting canvas of 1800. Judge Buchanan received his appointment at the early age of 3[illegible], when, too, he was better known as an ardent politician than as a sound

and well trained lawyer. On these grounds the appointment was much censured at the time; but his ability, learning, and sound judgment, soon conciliated universal favor. His long life was passed in the faithful discharge of all his duties, in private as well as in public life. His integrity as a judge and as a man was never called into question.

Oct. 27. — In Cherry Valley, N. Y., *Hon. William Campbell*, aged 77. He was the oldest son of the late Col. Campbell, of Cherry Valley, and the only member of his family who escaped death or captivity in the bloody massacre at that place in November, 1778. His whole life was marked by strict integrity and a high moral character, and he filled many responsible offices of trust and honor with great fidelity and ability. He has been several times a member of the state legislature, and was a member of that body during the revision of the laws in 1830. He was recently surveyor-general of New York, and at the time of his death was one of the Regents of the University.

Aug. 8. — At Hillsboro', Scott Co., Miss., *Elder Harry Chambers*, a native of North Carolina, aged 73. He joined the Baptist church in 1803, commenced preaching in Tennessee in 1812, and continued preaching till his death.

Dec. 29. — In Newark, N. J., *Matthias Day*, aged 78. He was for some time the editor of a newspaper, and was afterwards appointed postmaster of Newark, which office he held for 27 years. He was esteemed and respected both as a patriot and a Christian.

Oct. 24. — In New York, N. Y., *John DeCamp*, a soldier of the Revolution, aged 84. He was one of the express riders attached to the Quartermaster General's Department, was personally known to Washington, and was often intrusted by him with valuable despatches. For 27 years he was one of the inferior judges in the State of New Jersey. He was much esteemed for integrity and benevolence.

Dec. 18. — In Boston, Ms., *Hon. Samuel Dorr*, aged 70. He had been a representative and a senator in the General Court of Massachusetts, and had held many civic offices. Throughout his whole life, he had sustained the character of an upright, intelligent, and benevolent citizen.

Dec. 1. — In Swanton, Vt., *Hon. James Fisk*, aged 82, a member of Congress from 1805 to 1809, and from 1811 to 1815. In 1812 he was appointed judge of the territory of Indiana by James Madison, with the advice and consent of the Senate, but declined the office. In 1815 and 1816 he was appointed one of the judges of the supreme court of Vermont. In 1817 he was elected a Senator in Congress, which office he held but one year, and resigned. He was afterwards collector of customs for Vermont district for eight years. He was an active member of the Republican party, and enjoyed much of the confidence of Presidents Jefferson and Madison. He was a self-taught man, and possessed great sagacity and natural talent, which he zealously employed in the public stations to which he was raised.

Nov. 9. — In Granville, Ohio, *Rev. Jonathan Going, D. D.*, the learned and highly esteemed president of Granville college.

Nov. 17. — In Mobile, Ala., Judge *William Hale*, aged 55, a native of Albany, N. Y., but for 20 years a resident in Mobile.

Nov. 24. — In Charleston, S. C., *William E. Hayne, Esq.*, a distinguished citizen, who had discharged several important offices in the State. He was a son of Mr. Hayne, the martyr in the Revolution.

Oct. 22. — In Leominster, Mass., *Hon. Jonas Kendall*, aged 87, one of the most eminent and highly respected citizens of the State. He began active life without the advantages of fortune or a finished education, but attained both by his own exertions, and he left to others that happiest inheritance, the spectacle of a well spent life. He served the public in many important stations, and acquitted himself of every trust with probity and honor. For 13 years he was a member of one or the other house in the state legislature, and he represented his district in Congress from 1819 to 1821. The fidelity with which he discharged all the duties of a husband, parent, friend, neighbor, and citizen, will not soon fade from the remembrance of those who knew him.

Aug. 16. — In Poland, Trumbull Co., Ohio, *Hon. Turhand Kirtland*, aged 89. He was a native of Wallingford, Ct. In 1798 he first visited Northern Ohio, which was then called New Connecticut, and was owned by the Connecticut Land Company. He, as agent for that company, conducted a boat, loaded with surveyors, emigrants, and provisions, up the Mohawk River, through Wood Creek, into Oneida and Ontario Lakes, and then, by means of teams, hauled his boat around the Falls of Niagara, on the Canada side. As either agent or proprietor, he disposed of extensive tracts of new lands, and at various times filled a number of public offices with reputation. He was distinguished for his integrity and business habits.

Dec. 7. — Near Bethel, Clermont Co., Ohio, *Hon. Thomas Morris*, the candidate of the Liberty Party for the Vice-Presidency at the late election. He had been a member of the legislature, a judge, a Senator of the United States, &c.

Oct. 28. — In Puerto Cabello, Venezuela, *Dr. Franklin Litchfield*, United States Consul at that port, aged about 59. Dr. L. was the son of the Rev. Paul Litchfield, late of Carlisle, in this State, and a descendant in the seventh generation of Lawrence Litchfield, who "was in Barnstable, where he bore arms in 1643;" but settled soon after in Scituate.

Dec. 17. — In New York, N. Y., *Thomas L. Ogden, Esq.*, aged 71, a highly respected member of the Bar, and an estimable citizen. Forty years ago, he was the partner in business and valued friend of Alexander Hamilton.

Oct. 20. — In Waterloo, Seneca Co., N. Y., *Hon. Needham Maynard.* At the age of 19, he entered the army, and was at the battle of Bunker

Hill, in company with an elder brother. Mr. M. continued to serve at intervals during the war, and afterward settled as a farmer in Ipswich, N. H. In 1788, he removed to Whistown, Oneida, where he remained for more than 40 years, filling many important offices; after which he removed to Seneca county. At the great celebration at Bunker Hill, Mr. Maynard was an invited guest. He had attained his 88th year.

Oct. 16. — In Lebanon, N. H., *Dr. Phineas Parkhurst*, aged 85. Dr. P. was born in Plainfield, Ct.; but in early childhood his father removed, with his family, to Royalston, Vt., then a frontier settlement. In 1777 he was at the surrender of Burgoyne, being among the militia from Vermont, known at that time as the New Hampshire Grants. When the town of Royalston was attacked, and many of the buildings burned, Oct. 16, 1780, by a party of three hundred Indians of various tribes, from Canada, in attempting to alarm the people on the east side of the river, he was shot by the first gun which the enemy fired after they entered the place.

Oct. 23. — By the accident on board the steamboat Lucy Walker, *Gen. James W. Pegram*, President of the Bank of Virginia, an intelligent, gentlemanly, and much respected citizen.

Nov. 19. — In Warren, Ohio, *Gen. Simon Perkins*, aged 73. He was born in Norwich, in the State of Connecticut, on the 17th of September, 1771. Having studied mathematics, he was employed in surveying wild lands in New York, as early as 1795. The trustees of the Erie Land Company employed him, in 1798, to survey their lands on the Western Reserve, and constituted him their agent to sell and convey them. Western New York was then a wilderness, almost unbroken, which he penetrated; shipped his provisions on the Cayuga Lake for the head of Lake Ontario, and having obtained a bateau at Buffalo, he coasted up the south shore of Lake Erie; disembarked at the mouth of Grand River in July, and established his camp in what is now Concord, about 12 miles in the interior. He was in Youngstown the next year, and made a permanent residence at Warren, in 1801. A post-office having been established here, he was appointed postmaster on the second of December, 1801, and held the office until 1829. For many years he had a general supervision of the routes and offices on the Reserve, the northeastern part of Ohio, and Michigan.

Previous to the declaration of war in 1812, he was elected brigadier-general, and on calling out the militia to protect the frontier, after the surrender of Gen. Hull, Gen. Wadsworth detailed Gen. Perkins for service, and ordered a brigade to his command. His conduct as an officer was so meritorious, and so fully approved by Gen. Harrison and by President Madison, that the latter tendered to him a colonel's commission in the regular army.

His skill as a financier, and his rigid integrity, attracted the attention

of the legislature, and he was appointed a member of the board of the canal fund commissioners in the winter of 1825 and '26, was subsequently reëlected from time to time, irrespective of the strife of party, and was only relieved from that responsible duty by his resignation in 1838, on account of his declining health.

Dec. 8.— In Boston, Ms., *Hon. William Prescott*, aged 82. From a very able notice of his life and character in the Boston Daily Advertiser, we extract the following particulars: —

"He was born at Pepperell, in Massachusetts, on the 19th of August, 1762. His ancestors, who emigrated to New England about 1640, were from an early period concerned in the affairs of the colony. His grandfather, the year of his death, 1738, was appointed the agent of Massachusetts to the Court of Great Britain, but did not assume the office. His father, Colonel William Prescott, commanded at the battle of Bunker Hill. The son of Col. Prescott, — his only son, — was born on an estate which has always been held, and is still held in his family, by the original Indian title; and it was among his childish recollections, that, in times of trouble, Indian hostility was sometimes so near, that those who went to the field with the plough did not account themselves safe, unless they took with them weapons for their own protection.

"The earliest merely intellectual training that was of value to him, was received from Master Moody, the well known instructer at Dummer Academy, in Essex county. Subsequently he became a member of Harvard College; and, having passed the usual term there, was graduated in 1783, with such honors and benefits as an institution could offer, whose discipline and courses of instruction had been much broken down by the war, and whose halls had even, at one season, been occupied as barracks by the soldiery.

"Even before he received his degree at college, he began gladly to earn his own bread, first in a school at Brooklyn in Connecticut, and afterwards at Beverly in Massachusetts. During the same period he received an invitation to become a member of General Washington's family, where, while he could have pursued his studies in the law, he would have been employed as an instructer of General Washington's nephew; but he declined the offer, though a tempting one, in consequence of his previous engagements. At Beverly he taught school two years. There, too, he studied his profession with Mr. Dane, the distinguished lawyer and founder of the Law Professorship in Harvard College; and there, from 1787 to 1789, he began its practice with success.

"But the business of his profession in Beverly was small; and, in consequence, he removed to Salem, where he had a somewhat wider field opened before him. While he resided there, he was married to the daughter of Mr. Hickling, consul of the United States in the island of St. Michaels. There seven children were born to him, two of whom only

survive. There, too, he entered somewhat on political life, serving successively as Representative of Salem, and Senator of Essex county, and maintaining, as he did till his death, the opinions of that school of Federalists who devoted themselves to support the policy and measures of Washington. He gave himself, however, almost entirely to his profession, in which his talents, integrity, and industry, had already gained for him so high a rank, that as early as 1805, he was offered a seat on the bench of the Supreme Court of Massachusetts, — an offer repeated with much urgency in 1813; but one which, on both occasions, he declined, partly on account of his health and partly on account of the state of his family.

"To relieve himself from a kind of business which was often oppressive as well as profitable, he determined, in 1808, to remove to Boston. He did it, however, reluctantly. He had many friends in Salem, to whom he and his family were much attached. His removal, however, proved fortunate. His professional business in Boston insured him, at once, an increased and ample income. From 1809 he served several years in the council under Gov. Gore and Gov. Strong, and enjoyed all their confidence, as they enjoyed all his. In 1814, he was elected by the General Court one of the delegates of Massachusetts to the Convention which met in December of that year, at Hartford, to consider the unhappy condition of the New England States. It was inconvenient and disagreeable to him to accept the office; but he had no doubt that he ought to do so. Nor did he ever afterwards regret it, or ever, on any proper occasion, fail to do justice to the motives and conduct of the honorable and high-minded men, who were associated with him.

"In 1818, he was appointed Judge of the Court of Common Pleas for the county of Suffolk; an office which he thought he could hold in such a way as to facilitate his retirement from the practice of his profession. But it proved more onerous than he had anticipated, and at the end of a year he resigned it. After this, he held no public place of importance till he was sent as a delegate from Boston to the convention of 1820–21, for revising the Constitution of Massachusetts.

"He continued at the bar till 1828; making, in all, above forty years of service to the law. During more than half that time, his practice was as extensive, as honorable, and as successful, as that of any member of the profession in Massachusetts. During the whole of it, he enjoyed to an extraordinary degree the kindness and respect of his brethren. Mr. Webster well said, when he announced Mr. Prescott's death to the Supreme Court, who immediately adjourned a capital trial to attend his funeral, — 'It will not be thought in any degree unjust to others to say, that, at the moment of his retirement from the bar of Massachusetts, he stood at its head for legal learning and attainment.'

"The last sixteen years of his life were spent in the quietness of his

home, where the original qualities of his nature, disencumbered from the cares that had so long oppressed them, seemed to come forth with the freshness of youth. No man in this community, during the last quarter of a century, felt himself too high, either from his position or from his talents, to ask counsel of Mr. Prescott's wisdom; and we and our children shall feel the benefit of his noiseless influence in our institutions and affairs, as long as the present structure and tone of our society shall last."

Dec. 6. — In Bridgehampton, (L. I.,) N. Y., *Nathan Rogers*, an artist of merit and reputation, aged 57. He was a member of the National Academy of Design, and of several of the moral and charitable institutions of the city.

Dec. 30. — In Fairfield, Ct., *Hon. Roger Minot Sherman*, aged 71. Judge Sherman was born at Woburn, Mass., May 22d, 1773. He was educated at Yale College, where he was graduated in 1792. He was appointed a tutor in the college in 1795, and afterwards read law successively with the late Chief Justice Ellsworth, Judge Reeve, and Judge Baldwin. He was admitted to the bar in New Haven, in 1796, and immediately afterwards established himself in practice in the courts of Fairfield, where he soon rose to eminence in his profession. He represented the town of Norwalk in the General Assembly at the May and October sessions, 1798. In 1807 he removed to Fairfield. In May, 1814, he was elected a member of the upper house in the legislature, and was retained in that situation by annual elections, until May, 1818. He continued his professional practice with distinguished reputation and success, until May, 1840, when he accepted the appointment of a Judge of the Superior Court and the Supreme Court of Errors, and left the bar, of which, during a period of forty-four years, he had been an ornament, to dignify and adorn the bench. The state of his health obliged him to resign that situation in May, 1842. In 1814, Mr. Sherman, then a member of the upper house in the legislature, was designated by the general assembly as one of the delegates from Connecticut to the convention at Hartford, in December of that year. Judge Sherman was a nephew of Roger Sherman, of revolutionary memory. To a mind of the highest order, at once brilliant and profound, he added the embellishments of literature and science, and the graces of Christianity.

Nov. 4. — In New Haven, Ct., *Samuel St. John, Esq.*, a highly esteemed and wealthy merchant, aged 76.

Nov. 24. — In Manchester, N. H., *John Stark, Esq.*, third son of the late Gen. John Stark, aged 82. He died in the house where he was born, which was erected by his father about eighty years ago. He had been a magistrate of Hillsborough county, N. H., for more than half a century.

Nov. 24. — In New York, N. Y., *Samuel Stevens, Esq.*, a distinguished member of the bar, aged 60. He was the son of General Ebenezer Ste-

vens, who served as an officer in the artillery during the Revolutionary war. He had been president of the board of aldermen in New York, and was one of the commissioners for constructing the Croton aqueduct. In all the relations of life he commanded the esteem and affection of his friends and fellow citizens.

Sept. 7. — In Plainfield, *Mr Samuel Streeter*, a revolutionary pensioner, aged 90 years 3 months and 15 days. He was one of the first settlers of the town, and resided in the place 68 years.

Aug. 24. — At Boundbrook, N. J., *Samuel Swan*, M. D., aged 73, for several years a Representative of New Jersey in Congress.

Nov. 24. — Near Emmitsburg, Md., *Joseph Taney*, *Esq.*, uncle of the present Chief Justice of the United States, aged 89. He was for some years a member of the State legislature, and enjoyed great respect and confidence in private life.

Dec. 30. — In Providence, R. I., *Hon. Joseph L. Tillinghast*. Mr. Tillinghast was one of the ripest scholars in the State, and had often been honored by his fellow citizens with important public trusts. For many years he was a representative from the city to the General Assembly of the State, during a great part of which time he filled the office of Speaker of the House with great ability. His last public trust was that of Representative from this State to Congress, a post filled by him with honor to himself and fidelity to his constituents.

Oct. 26. — In Belleville, N. J., *Rev. Ludovicus Weld*, aged 78, for 32 years pastor of the Congregational Church in Hampton, Ct., and subsequently for 18 years a resident of Onondaga Co., N. Y. He was a graduate at Harvard University in the Class of 1789.

Nov. — In Nashville, Tenn., *Robert White*, aged 78 years, late one of the Judges of the Supreme Court of Errors and Appeals of Tennessee. Judge White was a native of the shire of Galloway, in Scotland. He emigrated to the United States some fifty years ago, and settled in Virginia.

Dec. 7. — In New York, N. Y., by a fall from the roof of his house, *John R. Willis*, *Esq.*, aged 65, president of the board of commissioners of the Almshouse, highly respected as an officer of the city, and much esteemed in private life.

1845.

March 2. — At East Homer, N. Y., *John Albright*, aged 85 years. At an early age he engaged in the service of his country; he was twice taken prisoner, once by the British at Fort Montgomery, and exchanged at New York; he immediately returned to the army, and then fell into the hands of the Indians at Fort Stanwix, and was a prisoner for 18 months in Canada.

March 2. — In Duxbury, Ms., *Major Judah Alden*, aged 94, a distinguished officer of the Revolution, and for many years President of the Cincinnati, — a man of integrity, true patriotism, of unblemished character, and in all his relations to society one of the most valuable and worthy citizens of the Old Colony.

July 6. — On Staten Island, N. Y., *Dr. Samuel Akerly*, aged 60. He was a graduate of Columbia College, and passed through his medical studies under the care of his brother-in-law, Dr. Samuel L. Mitchell. He contributed largely to medical and scientific journals, and was much interested in agriculture. He was one of the founders and most efficient supporters of the Institution for the Deaf and Dumb, and the Institution for the Blind. He was a learned man, and a philanthropic and highly respected citizen.

Aug. — In Beverly, Mass., *Mrs. Lydia Appleton*, aged 103 years, 8 months, and 5 days. She was the sister of the Hon. Nathan Dane, LL. D., and the relict of Thomas Appleton, Esq. She was wedded at 30, and widowed at 90 years of age. She left 12 grandchildren, and 18 great-grandchildren.

April 12. — In Petersburg, Va., whither he had gone for his health, *Amzi Armstrong, Esq.*, of Newark, N. J., aged 38. He was born in Mendham, N. J., graduated at Princeton College, and studied law in the office of the Hon. T. Frelinghuysen. He had been a member of the Council of the State of New Jersey, and of the Court of Errors and Appeals. He was highly respected as "a public spirited citizen, a profound lawyer, an eloquent advocate, an honest and cautious counsellor, a man of blameless life and spotless integrity."

Jan. 11. — At Seville, Spain, while travelling for health, *Epaphroditus Champion Bacon*, of Litchfield, Conn., aged 33 years. Mr. B. graduated at Yale College, in 1833, and applied himself to the profession of the Law. The state of his health preventing him from active professional duties, he devoted himself with much assiduity to historical investigations; in which pursuit he would, doubtless, have become eminent, had his life been spared.

March 16. — In Washington, D. C., *Hon. Isaac C. Bates*, aged 65, U. S. Senator from Massachusetts. Mr. Bates was born at Granville, in the State of Massachusetts, and was educated at Yale College. Adopting the law as his profession, he prosecuted his studies, for a time, under eminent instructers in New Haven, and afterwards with the late Judge Hinckley, of Northampton. His ability and learning, and his high and honorable character, soon led to professional distinction, and in due time placed him in the rank of the most eminent lawyers and advocates in the part of the country in which he resided. But the bar was not long his only sphere of action. The confidence of the community in his ability and fidelity, and its approbation of his principles, summoned him early

into public life. He rendered long and valuable service in both branches of the legislature of the State, and in its Executive Council. But a larger field opened to him, and nearly twenty years ago he became a member of the House of Representatives in Congress. In that body he remained eight years, sustaining his character, through the whole period, as a gentleman of probity and honor, of a deportment at once manly and courteous, and as much distinguished for the firmness with which he maintained his own opinions and principles, as for the liberality and candor which he always manifested to those who differed from him. His subsequent election to the Senate shows the sense which his native State entertained of the value of his public services, and her confidence in his further usefulness.

Feb. 28. — In Washington, D. C., *Dr. Phinehas Bradley*, aged 75, for many years favorably known throughout the country, as Second Assistant Postmaster General. He was born in Litchfield, Connecticut, on the 17th July, 1769; after the ordinary education, he studied medicine, and commenced the practice of his profession at Painted Post, New York. About the year 1800, he relinquished his practice to receive an office in the General Post Office Department, and subsequently was appointed Second Assistant Postmaster General, which office he held with dignity and honor until September, 1829.

Jan. — In Clinton, La., *John Parker Bullard, Esq.*, formerly of Pepperell, Ms., and a graduate of Harvard College, in 1829.

June 16. — In Philadelphia, Penn., *Edward L. Carey*, aged 40, an enterprising publisher and patron of the fine arts.

May 19. — In Baltimore, Md., *Richard Caton, Esq.*, aged 83. He was a native of Lancashire, England, but had resided in Baltimore for the last sixty-two years. He married a daughter of Charles Carroll, of Carrollton, and was the father of the Marchioness of Wellesley, the Duchess of Leeds, and Lady Stafford. He had long had the management of large landed estates, and was distinguished as an accomplished gentleman of the old school. He was a zealous and consistent member of the Roman Catholic Church, and was highly respected by the community in which he lived.

June 21. — In Unity, Me., *Mrs. Hannah*, relict of *Hon. Stephen Chase*, aged 106 years 25 days. She was born in Swanzey, Mass., May 27th, 1739. She left 10 children, 66 grandchildren, 160 great-grandchildren, and 12 of the fifth generation. There were about 150 of her descendants present at her funeral, and 130 walked in the funeral train.

May 2. — At Jackson, N. C., while attending the Superior Court for Northampton county, *William W. Cherry, Esq.*, in the 39th year of his age. Mr. Cherry was for several years a distinguished advocate at the bar, was twice elected to serve as a member of the State legislature, was one of the whig electors of President of the United States in 1840, and

again in 1844, and at the time of his death was the whig candidate for Congress in the district lately represented by Mr. Rayner. He was no less distinguished for amiability and benevolence in private, than for elegance and ability in public life.

Feb. 17.— In Jersey City, *Mr. Thomas Cobb*, aged 85. Mr. Cobb was born in Parsippany, Morris county, N. J., on the 16th of January, 1760. At sixteen he volunteered in defence of his country. He was in thirteen battles, including Monmouth, Germantown, Yorktown, White Plains, and Springfield. He was selected one of the detachment sent against the Indians at Wyoming. He was with Washington at Valley Forge, and at West Point when Major Andre was captured, and attended his execution. During the last two years he was in the army he acted as a captain, having been promoted to that rank for his faithful services.

April 7.— In Washington, D. C., *Hon. Richard Cutts*, aged 74, a graduate of Harvard College in 1790. After serving two successive years as a member of the General Court of Massachusetts, he was, at the age of 29, in 1800, elected by the people of his district a member of the House of Representatives of the United States. He took his seat in the House on the 7th of December, 1801, commencing with the administration of Thomas Jefferson, and through six successive Congresses, constantly sustained by the continued confidence of his constituents, he gave a firm, efficient, and undeviating support to that administration, and to that of his successor, Mr Madison, until the close of his first term, on the 3d of March, 1813. On the 3d of June of that year, he was appointed "Superintendent General of Military Supplies," an office created by the act of 3d March, 1813, the better to provide for the supplies of the army of the United States, and for the accountability of persons intrusted with the same, an office of high trust and responsibility, but the functions of which were required only during the continuance of the war. The office was accordingly abolished by the act of 3d March, 1817, to provide for the prompt settlement of public accounts. By the same act the office of Second Comptroller of the Treasury was created, to which Mr. Cutts was immediately appointed by President James Monroe, and which he held until 1829, since which he has resided in the city of Washington in the retirement of private life.

June 26.— In St. Francisville, La., *Gen. John B. Dawson*, member of Congress from the third district of Louisiana, a man of probity, and highly respected by all who knew him.

April 27.— In Franklin, Tenn., *Hon. David W. Dickerson*, a member of the last Congress.

May 19.— At Baltimore, Md., *Dr. Miles L. Donaldson*, aged 28, distinguished for his talents, his professional attainments, and his classical acquirements.

June 25.— At Franklin, Holmes Co., Miss., *Thomas Dulaney, Esq.*,

aged 36, a native of North Carolina, and formerly a member of the Mississippi legislature; a man of fine talents, and universally beloved. He was confined for several years to his room, and most generally to his bed, by a neuralgic affection, at times suffering intensely. For years his room was kept dark, on account of the severe pain which a single ray of light would produce in his eyes. He was a member of the Episcopal Church. His spiritual enjoyment was represented as very great; his soul was always happy, and he met death as a welcome visiter, without fear of the future.

Feb. 21. — In New York, N. Y., *Hon. Henry W. Dwight*, a Representative in Congress from 1821 to 1831.

Feb. 11. — In Charleston, S. C., *Hon. George B. Eckhard*, Judge of the City Court of Charleston, S. C., in the 51st year of his age. Judge Eckhard was distinguished for his sound legal learning, the accuracy of his judgment, and the courtesy of his judicial demeanor, while, in his social and domestic relations, his companionable qualities, amenity of disposition, and kindness of heart, endeared him to a large circle of attached friends.

May 22. — At Rahway, N. J., *William Edgar*, aged 77, an aged and respected man, frequently a member of the legislature of his native State, and for the last 18 years President of the Bank at Rahway.

June 12. — In Harvard, Ms., *Rev. Jonathan Farr*, aged 54, a graduate of Harvard College, in the Class of 1818. He was a Unitarian clergyman, of great simplicity of manners and excellence of character, the author of several plain and admirable little works on practical religion.

Feb. 25. — In Orono, Me., *Jeremiah G. Fitch, Esq*, aged 35, formerly of Boston, a graduate of Harvard College in 1831.

March. — In Westboro', Ms., *Lt. Col. William H. Freeman*, of the U. S. Marine Corps, aged about 50. He entered the service in 1812, was present in the action of the Constitution with the Java, and in that with the Cyane and Levant. On these occasions he displayed the best qualities of a military officer, and ever afterwards commanded the respect and esteem of his associates in arms.

Jan. — In the Parish of Iberville, Lou., *William Gorham, Esq.*, a native of Barnstable, Mass., and a resident of Louisiana for more than thirty years. Mr. G. was one of the few survivors who were at the lines on the 8th January, 1815, and was much esteemed for his noble qualities by all classes of his numerous friends.

March 5. — In Warren Co., Miss., *Col. Thomas I. Green*, aged about 40, formerly a member of the State Senate; of social disposition, and beloved by his neighbors and friends.

Sept. 13. — In Roxbury, Mass., *Mr. George Hallet*, aged 61, an eminent merchant of Boston, and a highly respected citizen.

April 23. — In Hopkinton, N. H., *Hon. John Harris*, aged 74, formerly an

associate judge of the Superior Court of New Hampshire, and a graduate of Harvard College in 1791.

May 17. — At Gallatin, Miss., *Gen. W. P. Harris*, aged about 50, formerly Receiver of Public Moneys at Columbus, Miss., and a member of the Mississippi legislature.

Aug. 24. — At New Rochelle, N. Y., *Rev. Samuel Haskell*, aged about 90, the oldest Episcopal clergyman in the State of New York. He was graduated at Yale College, and preached his first sermon in Trinity Church, New York, more than 53 years ago. He had been a soldier in the Revolutionary war, and was in the battle on Bunker's Hill.

June 8. — At Danube, Herkimer Co., N. Y., *Hon. John Herkimer*, a nephew of Gen. Nicholas Herkimer, after whom the county takes its name, and for many years a Judge and a Representative in Congress, aged 72 years.

Aug. 21. — In New Haven, Ct., *Samuel J. Hitchcock, Esq.*, aged 59. He was for several years Judge of the County Court, had for two years held the office of Mayor of the city, and was at the time of his death principal instructer in the Yale College law school. He was a man of superior talents, and his death will be an irreparable loss to the profession with which he was connected, and to the community at large.

Feb. 22. — Near Utica, Licking Co., Ohio, *Capt. Elias Hughes*, aged 90. He had taken an active part in the Indian wars, by which the earlier settlements at the West were harassed during the latter part of the last century.

June 8. — At the Hermitage, near Nashville, Tenn., *Gen. Andrew Jackson*, late President of the United States, aged 78. His parents were natives of Ireland, and emigrated to South Carolina, in 1765. He was born at the Waxsaw settlement in that State, on the 15th of March, 1767. During the Revolutionary war, when he was but 14 years old, the approach of the British troops compelled him to leave the academy where he had been placed, and he entered the American army with his sole surviving brother, another brother having been killed in action. The two were soon after captured by the enemy, and were maltreated, and even wounded, for refusing to submit to some personal indignities. The brother died of the wound thus received, and young Andrew about this time lost also both his parents. After the war, we find him, at the age of 21, engaged in the practice of law in one of the back settlements of North Carolina. This part of the country was ceded to the national government, and erected into a territory in 1790, when Jackson was appointed by President Washington attorney of the United States for the new district. Six years afterwards, this territory was formed into the State of Tennessee, and he was a member of the convention which drew up the constitution for the State. He was immediately chosen a representative, and the year afterwards, 1797, a senator in Congress; but he continued in this office

only one year. "Most unexpectedly to himself, he is immediately appointed a Judge of the Supreme Court in his State, a station he accepts with reluctance, and from which he withdraws at an early day." Meantime, he had been chosen Major General of one of the divisions of Tennessee militia, and retained the commission till 1814, when he received the like appointment in the army of the United States. He was chosen to command the army at New Orleans, and the active and decisive measures which he took for the defence of that city at once showed the bent of his genius, and the predominance of his military talents. The brilliant victory achieved by the troops under his command over the British on the 8th of January, 1815, established his high reputation as a general. In 1817–18, he was employed in conducting the Seminole war, in which he was eminently successful, though in some of his measures he was accused of transcending the powers of his office and the laws of war. Shortly afterwards, he resigned his commission in the army, and refused the office of minister to Mexico, tendered to him by President Monroe. In 1823, he was again appointed a Senator of the United States, and remained in office two years. On the retirement of President Monroe, he became a candidate for the office of President of the United States, his competitors being Messrs. Adams, Clay, and Crawford. He received the largest number of electoral votes, but was not successful in the final trial in the House of Representatives. But at the next succeeding election, in 1828, he was chosen President by a large majority, and was reëlected by an overwhelming vote in 1832. The events which particularly marked his administration were the difficulties with France about the payment of the indemnity, the suppression of the nullification movement in South Carolina, the war with the Indians in Florida, the removal of the deposits from the United States Bank, and the war with that institution, which terminated in its defeat and the loss of its charter. About the wisdom of his conduct on all these occasions, it is not yet time to speak decisively; we must wait for the impartial verdict of posterity. He retired to the Hermitage in March, 1836, having published a farewell address to the people of the United States, and remained there, generally a quiet, but not uninterested spectator of the course of public events. He was a member of the Presbyterian Church, and religious faith and confidence appear to have soothed and cheered all the later period of his life. For the last year or two he was infirm of body, but retained his mental faculties undiminished up to the hour of his decease. The violence of political strife will long confuse men's judgment of his character and abilities as a whole; but all will accord to him the praise of great firmness, energy, decision, and disinterestedness, — of remarkable military skill and ardent patriotism.

Feb. 9. — In Stephentown, *Amos James*, a soldier of the revolution, aged 84. He was one of the party who captured Gen. Prescott on Rhode Island, and brought him over to the American camp.

Jan. 2.— Near Port Tobacco, Md., *John J. Jenkins*, aged 57, Judge of the Orphans' Court in Charles county. Judge Jenkins was distinguished for independence of character and honorable bearing, for patriotism and uncompromising integrity of purpose. He had been for the most part the regulator of his own studies. His natural energy of mind, with industry and application, had enabled him to acquire an extensive fund of literary and scientific knowledge; and while society was animated by his presence and conversational qualities, he was justly held in high estimation as a man of practical wisdom.

Jan. 20.— In Salem, Mass., *Capt. Nathaniel Knight*, aged 84. Capt. K. was remarkable, during his long life, for the sturdy independence and integrity of his character. He was one of the very few survivors of those of our countrymen who were imprisoned on board the old Jersey prison ship, at New York, in the war of the Revolution. He was afterward a shipmaster; and, after retiring from more active pursuits, was for many years known as the wharfinger of Derby wharf. His ancestors were among the first settlers of this place, the house he resided in being built by his great-grandfather.

Feb. 3.— In Bucksport, *Mr. William Lawrence*, a native of Scotland, aged 97. Mr. L. was orderly sergeant in the royal artillery, and came to this country with the British army some time before the rupture with Great Britain. He was in the skirmishes of Lexington and Concord, at Bunker Hill, and most of the important battles of the Revolution. He was afterwards stationed at Bagaduce, (now Castine,) and on the declaration of peace, after receiving an honorable discharge, went to Bucksport, where he has ever since resided.

Jan. 25.— In Raynham, Mass., *Mrs. Abigail Leonard*, nearly 101 years of age. The deceased was a lineal descendant of John Alden, the first who landed from the Mayflower on the rock of Plymouth, and only the fifth in descent. Her husband, sacrificing claims to wealth and nobility in England, prominently participated, as an officer in the American army, in our Revolutionary struggle, and from the Declaration of Independence up to the period of his death, early in this century, sustained the office of high sheriff of Bristol county. Mrs. Leonard, though inheriting a feeble constitution, lived an active and industrious life, remarkably exemplary in all the relations she sustained as well to society as to her immediate family.

Aug. 16.— At Providence, R. I., *Charles Lippitt*, aged 91. Mr. L. was an officer in our revolutionary struggle, and has for many years been in the receipt of an officer's pension. He was elected a member of the General Assembly from Providence in the year 1793, and was eight times successively reëlected. All his colleagues have been dead many years. Mr. Lippitt, during all his active life, was a zealous and unflinching politician of the Federal or Washington school. All the varied duties in-

cumbent on a husband, father, citizen, and Christian, he had, during his long life, exemplified in a remarkable degree; and his numerous descendants can ever dwell with pride and satisfaction upon the virtues of their venerated ancestor.

July 23. — In Palestine, Ill., *Othniel Looker*, aged 87. He was born in New Jersey, October 6, 1757, and served five years in the army during the war of the Revolution. He emigrated to Hamilton county, Ohio, in the year 1804, and was elected to represent the people of that county in the Senate of Ohio in 1813. He was afterwards elected Speaker of the Senate, and after the resignation of Governor Meigs in 1814, became acting Governor of Ohio. He served also in the capacity of associate judge of Hamilton county Court of Common Pleas for the term of seven years.

Sept. 16. — In Washington, D. C., *Dr. George W. May*, aged 56, a native of Boston, Mass., and a graduate of Harvard College.

Aug. 18. — At Baltimore, Md., *Gen. William McDonald*, a soldier of the Revolution, and for a long time an enterprising merchant of the city, aged 86.

Feb. 1. — In Andover, N. H., *Samuel M'Guinn*, a Revolutionary pensioner, known as the "Caithness Veteran," aged 110 years. For the last four years Mr. M'Guinn has been unable to walk, but within that period, he has been carried from neighbor to neighbor, his mind remaining active and playful, and evidently enjoying society.

March 8. — In New York, N. Y., *Rev. James Milnor, D. D.*, rector of St. George's Church, aged 70. Dr. Milnor studied for the bar in the city of Philadelphia, which city he represented in Congress in 1812, when the last war with Great Britain was declared. Afterward he deemed it his duty to apply for holy orders; and he has been an approved and most eminent divine in New York for about thirty years. He was an early and efficient friend and supporter of the Institution for the Deaf and Dumb, and has long been a distinguished and most useful member of the American Bible and Tract Societies, besides his zealous coöperation with the societies formed in his own Church. Dr. Milnor was a man of untiring and systematic industry, and hence was enabled to accomplish much good for his fellow men. He was always cheerful and collected, — was a true friend, a most valuable pastor, an excellent husband and a kind father. None knew him but to love and honor him.

March. — At Detroit, Mich., *George Morell, Esq.*, Chief Justice of the State of Michigan, aged 59. He was a native of Lenox, Mass., and a graduate of Williams College.

March 27. — In Baltimore, Md., in the 85th year of his age, *James Mosher*, a soldier of the Revolution, formerly President of the Mechanics' Bank, and for many years Surveyor of the port of Baltimore.

Feb. 7. — In East Hartford, Ct., *Mr. Gideon Olmsted*, aged 96. Mr. Olmsted, in the year 1776, went out in a privateer, and was taken by an Eng-

lish man-of-war, and carried into Jamaica. Here he was put on board of an armed British trading vessel, with directions that he should be placed in the prison ship at New York. On his passage to New York, he and three others rose upon the crew of the vessel, and subdued them. He then brought the vessel into Little Egg Harbor, in New Jersey.

June 30. — At Philadelphia, Pa., *Dr. John C. Otto*, aged 70. Dr. Otto was born in New Jersey, and was the oldest son of Dr. Bodo Otto, one of the most eminent physicians of his day, and an officer in the Revolutionary army. Dr. Otto was for many years clinical lecturer of the Pennsylvania Hospital, as well as one of its attending physicians. He discharged the duties incident to these relations with that institution with eminent ability, fidelity, and success. He enjoyed in an unsurpassed degree the confidence and attachment of the citizens of Philadelphia, where he practised his profession for nearly half a century. He was distinguished for his scientific attainments and practical skill, his enlarged philanthropy, and the unsullied purity of his life.

Feb. 9. — At Charleston, S. C., *Mr. Job Palmer*, one of the patriarchs of the city, and a worthy of the Revolution, at the extreme old age of 97 years, 5 months, and 4 days. He was born at Falmouth, Mass., on the 26th August, 1747, and ere he had reached maturity, or shortly after, migrated to Charleston, where he continued to reside until the day of his decease.

May 24. — In Boon county, Mo., *Capt. Wm. Ramsay*, aged 104. He served during the whole of the Revolution, was at the siege of Yorktown, was an early spy, pioneer, and Indian fighter in Kentucky. He removed to Missouri in 1802, and served in the ranging service in the late war.

April 20. — In Charleston, S. C., *Dr. William Read*, aged 91. He was a member of Gen. Washington's staff during the Revolutionary war.

June 18. — In Albany, N. Y., *Hon. William K. Van Rensselaer*, aged 82. He, for many years, took an active part in political affairs, and represented the city and county in Congress for a period of ten years; but for the last twenty years he had led a life of retirement, enjoying the respect of his fellow citizens and his numerous friends.

March 9. — At Oak Ridge, Nelson Co., Va., *Robert Rives, Esq.*, aged 81, father of the Hon. Wm. C. Rives.

May 11. — At Tree Hill, near Richmond, Va., *Hon. William H. Roane*, aged 57. Wm. H. Roane enjoyed the confidence of the people throughout his life, and the public honors of his country, in no ordinary degree. He was twice a member of the executive council of Virginia, a Representative of the King William District in Congress, a delegate of the county of Hanover in the general assembly, and a Senator of the United States. He was an ardent politician, but a man of affectionate disposition, and he enjoyed the love and confidence of many friends.

Feb. 25.— At Newport, R. I., *Asher Robbins*, aged 88. He was a native of Weathersfield, Ct., and during his life held many important public stations. For 14 years he represented the State of Rhode Island in the U. S. Senate, of which body his profound learning, his ripe scholarship and his classical eloquence made him a distinguished member.

Aug.— In Salem, Mass., *Capt. Benjamin Ropes*, aged 72. He was a brave officer in the army of the late war, and commanded a company in Col. Miller's regiment. He participated in the brilliant affair at Lundy's Lane, in the sortie from Fort Erie, at Chippewa, and several hard fought fields, and was frequently especially noticed in the official despatches for his meritorious services and gallant conduct.

Jan. 4.— In Boston, Mass., *Hon. Benjamin Russell*, aged 83. He was educated as a practical printer, and before completing his apprenticeship, he entered the service of the country as a soldier in the army of the Revolution, and while so engaged was the occasional correspondent of his former master, Isaiah Thomas, Esq., who then published the Worcester Spy. He was chiefly known to the public as the publisher of the Centinel, a semi-weekly paper, which for a long period under his direction had a wide circulation, and exercised a powerful influence on public opinion throughout the country, and more especially through the New England States. In the management of this paper, he received much voluntary aid from many of the most distinguished men in Massachusetts, several of whom were, for years, frequent writers for his columns. Among these were Fisher Ames, John Lowell, George Cabot, Stephen Higginson, Timothy Pickering, and others. Major Russell was frequently elected by his fellow citizens to important public trusts. He was for many years one of the Representatives of the city of Boston in the House of Representatives, for several years a member of the Senate of the State, and for one or two years a member of the Executive Council. He was an active and distinguished member of the Mechanic Association, and of other charitable and useful institutions. In all his employments he devoted his efforts and influence to the dissemination of good principles, the encouragement of benevolent objects, and the promotion of the public welfare. He was a man of cheerful temper and benevolent disposition, and although he had survived by several years the active period of his life, he has left behind him many who remember with gratitude his acts of kindness.

May 8.— In Salem, Mass., *Hon. Leverett Saltonstall*, aged 64. He was educated at Harvard College, and was graduated in 1802, having maintained a high literary rank in a class unusually large, and remarkable for ability. He there formed ardent attachments and warm friendships, that endured for life, and which nothing but death could sever. The full warmth of his early affection never abated amid the chilling cares of later days. He was constant, firm, disinterested, and indefatigable; he never

lost a friend; he was formed to be loved and trusted. He commenced the practice of law in Salem, Mass., in 1805. He soon became distinguished at the bar, and entered on a large and successful professional business. He was an able and eloquent advocate, and a learned and faithful lawyer. A high and pure sense of duty, as well to the court as to his clients, presided over his conduct. He abhorred the arts of chicanery, and the base expedients of rapacity. He was emphatically an honest lawyer. The confidence and favor of his fellow citizens called him, at an early period of life, to the State and the National Legislatures. In those bodies his unsuspected integrity, enlightened principles, and powerful eloquence, gave him merited consideration and influence. His private life was an example and illustration of the social and domestic virtues. He was just, kind, disinterested, frank, magnanimous, and honorable; bountiful to the poor, and an ardent friend and liberal benefactor of institutions of learning and charity. He was a member of the American Academy of Arts and Sciences, and of the Massachusetts Historical Society. The degree of Doctor of Laws was conferred on him by Harvard College. He cherished an ardent affection for the places of his education, Harvard College and Phillips' Exeter Academy. In his will he made a bequest of books to be added to the library of the latter, and to the former he gave a legacy to increase the fund long since bequeathed to it by his ancestors.

May 15. — In German Flats, N. Y., *Henry Seeber*, aged 104 years and 2 months. Mr. S. was born at Indian Castle, Tryon county, N. Y., on the 15th March, 1741. He served in the old French war, and at the commencement of the Revolution enlisted in his country's service. He was at the memorable battle of Oriskany, under Gen. Herkimer, in which engagement he received three wounds, one by a ball which lodged in his thigh, and the removal of which was deemed unadvisable by the surgeon. This ball he carried with him to his grave. He was the head of a numerous family, and has lived to see the *sixth* generation. He retained his faculties and a vivid recollection of revolutionary times, to the last. His descendants number 213.

Sept. 11. — In Augusta, *Gen. Henry Sewall*, an officer in the Revolutionary army, aged 93. Few men have been more useful or more deservedly honored through a long life than he. He was in the whole Revolutionary struggle, having entered the army in 1775, and continued in it till the peace of 1783.

April 10. — In Washington, D. C., *Thomas Sewall, M. D.*, aged 58. He was born in Augusta, Me., and graduated in the study of medicine at Boston, Mass. After practising for a few years in Essex county, Mass., he removed to Washington in 1820. He was a member of the first faculty of the medical college in the District of Columbia. In 1821 he was appointed Professor of Anatomy in that institution, and retained a chair,

as he did also his membership, in the College, during the residue of his life. From the year 1825, when the school went into operation, till the close of the season next preceding his death, he was punctual in delivering the periodical lectures, and in discharging the other duties, appropriate to his professorship. Amid the pressure of official engagements and an onerous professional business, he was enabled, by a methodical arrangement of his time, to gain leisure for composition. Several of his works, especially the Essays on Phrenology and the Tract on Temperance, the latter of which was translated into the German language, obtained a wide circulation, as well in Europe as in this country, and fixed the reputation of the author as a profound and exact inquirer, and as an accomplished writer.

May 13. — In Kingston, N. Y., *Hon. Nicholas Sickles*, a native of Kinderhook, and a Representative to Congress from 1835 to 1837.

Jan. 30. — At Kinderhook, N. Y., *Francis Silvester, Esq.*, aged 76, a sound lawyer, and a gentleman of great respectability and moral worth. He was the only remaining son of the late Peter Silvester, of that place, who was a member of the Albany Committee of Safety in 1774, and of the New York Provincial Congress, appointed first judge of the Columbia Common Pleas on the organization of that county in 1786, elected a member of the first Congress under the federal constitution in 1789, and afterward a State Senator. He was educated at Columbia College at the close of the Revolution, and pursued his legal studies under the direction of the late Peter Van Schaack, L. L.D, who was his uncle. Mr. Silvester was a gentleman of very retired habits, and was only called into public life on one occasion. In 1821 he was chosen a member for Columbia county to the convention which adopted the present State constitution.

April 13. — In Tuscaloosa, Ala., *Rev. Edward D. Sims*, aged 40. He was born in Brunswick county, Virginia, March 24, 1805. He graduated in the University of North Carolina in 1823, and became a tutor in that institution. He was afterwards principal of an academy at La Grange, Alabama, and, when the college was established there, was elected Professor of Mathematics and Natural Philosophy. He was subsequently Professor of Languages in Randolph Macon College, Virginia. He visited Europe in 1836, and spent two years at the University of Halle, in Germany, and travelled through France, Germany, Italy, Holland, Belgium, and England. He returned to the United States in 1838, and filled the chair of English literature in Randolph Macon College. In December, 1841, Mr. Sims was elected by a unanimous vote as Professor of English Literature in the University of Alabama, and filled that chair until his death.

Sept. 10. — In Cambridge, Mass., *Hon. Joseph Story*, one of the Justices of the U. S. Supreme Judicial Court, and Dane Professor in the Law

School of Harvard University, aged 65. Judge Story was born in Marblehead, Mass., Sept. 18, 1782, and was graduated at Harvard College, in 1798. His father, Dr. Elisha Story, served in the army during the Revolutionary war. The son studied law under the direction of Judge Putnam, and established himself in the practice of it in Essex county. He soon entered into political life, being chosen a member of the Massachusetts Legislature in 1805, and he was afterwards, while yet young, elected Speaker of the House. At this time he was connected with the Democratic party, and was in fact their leader in Massachusetts. In 1809, he was chosen a Representative to Congress, to fill a vacancy in Essex South District. He served in this body with much distinction, but declined a reëlection. In 1811, he was appointed by President Madison a Judge of the Supreme Court of the United States, and then severed himself entirely from all political connection. "His judicial life was prolonged to a period almost unexampled in the annals of the common law. The wisdom of the selection was immediately indicated by the distinguished ability which he displayed, and each succeeding year added to the splendor and extent of his judicial fame. He moved with familiar steps over every province and department of jurisprudence. All branches of the law have been illustrated and enlarged by his learning, acuteness, and sagacity, and of some he has been the creator. His immortal judgments contain copious stores of ripe and sound learning, which will be of inestimable value in all future times, alike to the judge, the practitioner, and the student."

In 1830, he was appointed Dane Professor in the Law School of Harvard University, on the munificent foundation of his friend, Mr. Nathan Dane of Beverly, and he continued to discharge the duties of this office with remarkable ability and success till the day of his death. His reputation drew together a great number of students from all parts of the Union, and the unprecedented success of the School is to be attributed almost entirely to his exertions. "As a *teacher* of Jurisprudence, he brought to the important duties of the Professor's chair the most exuberant learning, the most unwearied patience, a native delight in the great subjects which he expounded, a copious and persuasive eloquence, and a contagious enthusiasm, which filled his pupils with love for the law, and for the master who taught it so well. All his teachings were illumined by the loftiest morality, and never failed to show, that whosoever aspired to the fame of a great lawyer, must be also a good man."

He began his career as an author early in life by the publication of an excellent edition of Abbott on the "Law of Shipping." Soon after his appointment to the Dane Professorship, he published his "Commentaries on the Constitution of the United States," in three volumes, octavo. These were followed by a succession of treatises on different branches of the law, too numerous to be mentioned here, the extent and excellence

of which, with the vast amount of legal learning displayed in them, leave it a matter of astonishment that they could be prepared within the short space of about twelve years, by a man who was all the while discharging, with great assiduity, the onerous duties of a Judge of the Supreme Court of the United States, and a Professor in the Law School of the University. Among them were commentaries on the "Law of Bailments," on the "Conflict of Laws," "Equity Jurisprudence," "Equity Pleadings," "Bills of Exchange," and "Promissory Notes." "In regarding the deceased as an *author*, Jurisprudence mourns one of her greatest sons — one of the greatest not only among those of his own age, but in the long succession of ages — whose fame has become a familiar word in all lands where the law is taught as a science; whose works have been translated and commented on in several of the classical languages of the European continent; and have been revered as authorities throughout the civilized world. It was his rare lot while yet alive, to receive, as from a distant posterity, the tribute of foreign nations to his exalted merit as a jurist." In his devotion to the science of law, he did not forget the claims of literature and general scholarship, and his addresses on public occasions, his contributions to the "North American Review," and other miscellaneous writings, show a mind imbued with sound learning, and capable of grasping almost every subject that has ever taxed the human intellect.

As a man and a member of society, he was remarkable for his domestic virtues, his warm affections and generous temper, the purity, elevation and simplicity of his life and conversation, and the spontaneous sympathy which gave so cordial a charm to his looks, his tones, and his greetings. The approach of age never chilled the impulses of his heart, nor deadened his interest in life. The members of the Suffolk Bar, in their resolutions upon the occasion of his death, from which we have already largely quoted, rightly declare, "that the death of one so great as a Judge, as an Author, as a Teacher, and so good as a man, is a loss which is irreparable to the bar, to the country, and to mankind."

Feb. 9. — Near Greenville, S. C., *Hon. Waddy Thompson, Sr.*, at a very advanced age. He had held important judicial station for many years, and fulfilled all the duties of the office with great ability and integrity.

Aug. 30. — In Washington, D. C., *Hon. Buckner Thruston*, aged 82, Associate Judge of the Circuit Court of the United States for the District of Columbia. Judge T. was a native of Virginia, but emigrating to Kentucky, his fine abilities and liberal attainments brought him early into public life, and in 1805 he represented his adopted State in the Senate of the United States, in which he continued to serve until January, 1810, when he resigned his seat to accept from President Madison the judicial appointment which he held to the period of his death. The deceased was a gentleman in the best sense of the term. His superior abilities and classical attainments, combined with his urbane manners in private

life, made his company pleasing, instructive, and every where acceptable, and procured for him general esteem.

April 30. — In Boston, Mass., *Mr. Benjamin True*, the oldest printer in the city, aged 80. He published for many years the Boston Yankee newspaper, and was afterwards associated with the publication of the Boston Statesman. He was a benevolent and patriotic citizen, and an industrious and honest man.

Sept. 5. — At Tuckerton, N. J., *Hon. Ebenezer Tucker*, aged 87. He was a soldier in the Revolutionary war, and afterwards filled many offices of distinction and trust under the State and the National government. He had represented New Jersey in Congress with great ability and fidelity.

July 9. — In Worcester, Mass., *Hon. Daniel Waldo*, aged 82. "Mr. Waldo was born in Boston, on the 20th day of January, 1763. His early education was in the public schools of that town, and under the domestic guidance and instruction of exemplary and pious parents. His father was, there, an eminent and successful merchant, at the breaking out of the American Revolution; but he devoted his heart and mind to the cause of civil and religious freedom. Upon the occlusion of the port of Boston by the British, he sought protection for his family in the country, and subsequently settled with them, and resumed mercantile business in the town of Worcester. Here, the late Mr. Waldo completed his education in his father's counting house, and on arriving at age became his partner in business, and afterwards succeeded to the property and the management of this extensive importing and trading concern. With what scrupulous integrity his business was conducted for more than forty years; with what considerations of regard for his customers, and of accommodation to the wants and interests of the public, he directed his arrangements; his eminent success, and the undoubting and unabating confidence of the community, through this long period of time, will bear witness. And, when at last he retired from an active participation in commerce and trade, his punctuality and precision, his justice and liberality, his personal attention and courtesy of manner, were remembered and referred to, as a model and example for instruction and encouragement to the young, and for imitation by all."

July 12. — In Cambridge, Mass., *Rev. Henry Ware, D. D.*, Emeritus Professor of Divinity in Harvard University, aged 81. Dr. Ware was born in Sherburne, Mass., in 1764, and was graduated at Harvard College in 1785. He adopted the clerical profession, preached his first sermon on the day when he became twenty-three years of age, and soon received an invitation to settle at Hingham, Mass., as successor to the Rev. Dr. Gay. His ministry at this place was very acceptable to his people, and his reputation as a theologian and a scholar increased so much, that in 1805, when the Hollis professorship of divinity in Harvard University became vacant by the death of the Rev. Dr. Tappan, the Corporation appointed

Dr. Ware to fill the vacancy. He accepted the trust and removed to Cambridge, where the remainder of his life was devoted to the service of the college and the divinity school, which was afterwards established as a branch of the University. His appointment was hotly contested at the time on theological grounds, though all parties united in doing justice to his personal merits; and the theological controversy arose, which resulted in the separation of the Congregational Church of New England into the two sects called Unitarian and Orthodox. Dr. Ware took little active part in this controversy, as his temper was averse to dispute, and his time was absorbed by his academical duties. But about fifteen years after his appointment, he yielded to the solicitations of his friends, and published his "Letters addressed to Trinitarians and Calvinists," in answer to the Letters of the Rev. Dr. Woods. The latter replied, and the discussion was continued by Dr. Ware in two other publications. Late in life, he published also one course of his academical lectures, on the Evidences, Doctrines, and Ethics of Christianity. In 1840, being 76 years old, and beginning to feel the infirmities of age, he resigned the Hollis professorship and all active duties in the college, but was continued in office by the Corporation as Professor Emeritus. A cataract had formed over one of his eyes, and being couched for it unsuccessfully, a fever set in, his constitution was much injured, and the sight of the other eye was greatly impaired, so that he became nearly blind. He failed rapidly during the last two years of his life, and death came at last as a messenger of kindness to relieve him from suffering.

Dr. Ware was very fortunate in his family, which was very large, several of his sons ranking among the most highly honored and beloved of the community in which they lived. In 1839, a family meeting was held at his house, at which fifty of his own descendants were present. His life was a conscientious and laborious one, faithfully devoted to the highest interests of mankind, and very many profited by his instructions, and strove to imitate his example. Of pure tastes and simple manners, with a refined and highly cultivated intellect and scholarlike habits, generous and affectionate in heart, with troops of friends and without a single enemy, the even, happy, and beneficent tenor of his life was never broken or clouded, and a tender and grateful recollection of his eminent virtues survives in the memory of all who knew him.

March 10. — In Royalton, Vt., *Wm. Waterman*, aged 87, a faithful soldier of the Revolution. He was wounded through the thigh at White Plains, was a prisoner on board the prison ship off New York, and made his escape by swimming to Long Island, and continued in defence of his country through the war.

July 20. — At Ann Arbor, Mich., *Professor Whiting*, of the University of Michigan. In his death, this yet infant institution loses a valuable member of its Faculty. Beside his attainments in the ancient languages,

forming the proper subject of the duties of his professorship, his readings and investigations relative to American Antiquities had been extensive and profound.

Feb. 23. — In Goshen, N. Y., *Gen. James W. Wilkin*, in the 83d year of his age. He was a member of the legislature in 1800; he voted for Jefferson electors, and for Madison electors in 1812. He had been a member of Congress, and held almost every station in the gift of his immediate fellow citizens, having been through life greatly beloved and respected.

Sept. 9. — In Boston, Mass., *John Williams, Esq.*, counsellor-at-law, aged 72, the oldest counsellor at the Suffolk Bar, and a graduate of Harvard College in the class of 1792.

Feb. 3. — At Beverly, Mass., *Elisha Scott Williams*, aged 87. He graduated at Yale College in 1775, and at the time of his death, was the oldest graduate of that institution. He was born at East Hartford, and was a clergyman of the Baptist denomination.

Feb. — In Cincinnati, Ohio, *Capt. Archibald Woodruff*, aged 72, a native of Elizabethtown, N. J. He was a printer early in life, and became joint proprietor and editor of one of the oldest daily newspapers in New York city. Afterwards, he engaged in navigation, visited most parts of the world, and, in 1813, was captured by the French under the Milan decree, and his ship was confiscated. After an absence of three years from home, he was released, and partial remuneration was made for the loss he had suffered. He removed to Cincinnati in 1819.

CHRONICLE OF EVENTS.

1844.

Sept. — A dreadful explosion took place in the Haswell coal mine, near Sunderland, England, by which 95 workmen were killed, only four of those in the mine being saved.

Oct. 4. — A gale did great damage, and caused the loss of many lives at Key West and Havana. At the former place, the U. S. revenue schooner Vigilant was driven to sea and lost, with nearly all the hands on board. At the latter, about 75 vessels were sunk in the harbor.

Oct. 8. — Louis Philippe, the King of the French, landed at Portsmouth, England, where he was received by Prince Albert and the Duke of Wellington. His object was to make a visit to Queen Victoria.

Oct. 18. — A gale of wind did great damage at Buffalo, N. Y. The pier that protected the harbor was partly destroyed, several vessels, and about 40 canal boats were sunk, the houses in the lower part of the town were submerged, and more than 50 persons lost their lives.

Oct. 23. — As the steamboat Lucy Walker, on her way from Louisville to New Orleans, was stopping at New Albany, her three boilers exploded all at once with terrible effect, killing between fifty and sixty persons, and wounding about twenty others.

Oct. 25 — A fire took place at Providence, R. I., destroying the theatre, injuring several adjoining buildings, and burning the valuable apparatus used by Dr. Lardner in his lectures.

Oct. 28 — The opening of the Royal Exchange in London was celebrated in an imposing manner, the Queen being present, and presiding at the ceremony.

Nov. 5. — An insurrection commenced in Mexico against the authority of Santa Anna, President of the Republic. Gen. Paredes, at the head of about 2,000 troops, in the department of Jalisco, declared against the government.

Nov. 12. — A serious insurrection broke out at Logrono, Old Castile, Spain, led by the celebrated Martin Zurbano. It was soon suppressed, however, by the government troops, and the leader was compelled to obtain safety by flight.

Nov. 25.— The Duc d'Aumale, son of the King of the French, was married at Naples, to the Princess de Salerno, cousin of the King of the two Sicilies.

Dec. 3.— The motion of Mr. J. Q. Adams, in the House of Representatives at Washington, to rescind the 25th rule, which prohibited the introduction of abolitionist petitions, succeeded by a vote of 108 to 88.

Dec. 4.— The Cumberland valley road bridge, across the Susquehanna, at Harrisburg, was destroyed by fire, and in the attempt to cut away a portion of it, the unexpected fall of one of the piers killed four persons, and wounded several others.

Dec. 5.— The Hon. Samuel Hoar, who was sent by the State of Massachusetts to act as its agent in Charleston, S. C., for the purpose of aiding the colored citizens of Massachusetts imprisoned by the authority of South Carolina, was expelled from that city by the citizens, the Legislature having passed resolutions on the same day, authorizing the Governor to expel him.

Dec. 14.— A steamboat on the Mississippi, called the Belle of Clarksville, was run down by another boat, the Louisiana, and immediately sunk, and more than thirty persons in her were drowned.

Dec. 18. One of the most destructive fires took place in Salem, Mass., that had occurred in that city for several years. Many buildings, occupied mostly by poor families, were burnt, and property to the amount of $100,000 destroyed.

Dec.— Great disturbances took place on the Livingston and Rensselaer manors in New York, owing to the association of the tenants to resist the payment of rent. Several companies of militia were at last called into action, and the most active insurgents were seized and committed for trial.

Dec.— The insurrection in Mexico proves entirely successful, without bloodshed, most of the government troops joining the party of Gen. Paredes. Santa Anna was deposed, and a provisional government organized with Gen. J. J. de Herrera at its head.

Dec. 30.— The steamboat Capitol, on her way from Pittsburg to St. Louis, took fire and was entirely destroyed, three persons perishing in the flames.

1845.

Jan. 6. Two members of Congress, Mr. Clingman of North Carolina, and Mr. Yancey of Alabama, fought a duel at Beltsville in Maryland, one shot being exchanged, and neither party being injured.

Jan. 15.— Santa Anna, the former President of Mexico, was captured by the troops who had revolted against him, and carried as a prisoner to the city of Mexico.

Jan. 16. — The treaty negociated between Mr. Cushing, Envoy Extraordinary of the United States, and the Commissioner of the Emperor of China was ratified by the U. S. Senate, by a unanimous vote.

Jan. 25. — A joint resolution for the annexation of Texas to the United States, passed the House of Representatives in Congress, by a vote of 120 to 98.

Feb. 3. — A great fire occurred in Bridgetown, Barbadoes, by which about one fourth of the city was destroyed. About 200 houses were burned, and property to the amount of $2,000,000 was destroyed.

Feb. 20. — A bill passed by both Houses of Congress, providing that no steam vessels should be built for the revenue service unless special appropriations should be made for the purpose, was returned by President Tyler with his veto. The bill subsequently passed both branches by more than the requisite majority of two thirds, and thus became a law without the President's signature. This is the first instance of the President's veto being overruled by Congress since the formation of our government

Feb. 28. — A bill for the admission of the new States of Iowa and Florida into the Union was passed by both Houses of Congress.

March 1. — The joint resolutions for the annexation of Texas to the United States, which had previously passed both Houses of Congress, received the signature of the President, and became a law. The resolutions passed the Senate by a vote of 27 to 25. *Yeas* — Messrs. Allen, Ashley, Atchison, Atherton, Bagby, Benton, Breese, Buchanan, Colquitt, Dickinson, Dix, Fairfield, Hannegan, Haywood, Henderson, Huger, Johnson, Lewis, McDuffie, Merrick, Niles, Semple, Sevier, Sturgeon, Tappan, Walker, Woodbury — 27. *Nays* — Messrs. Archer, Barrow, Bates, Bayard, Berrien, Choate, Clayton, Crittenden, Dayton, Evans, Foster, Francis, Huntington, Jarnagin, Mangum, Miller, Morehead, Pearse, Phelps, Porter, Rives, Simmons, Upham, White, Woodbridge — 25.

March 4. — James K. Polk, of Tennessee, was inaugurated as President of the United States for four years from this date.

March 7. — The steamer Swallow, on her passage from New York to Albany, was wrecked by running upon an island in the evening, and the boat immediately breaking in two, and the after part sinking, a number of the passengers were drowned.

March 30. — A religious war broke out in Switzerland, proceeding from a quarrel between the Catholic and Protestant parties. A large force from the neighboring cantons invaded the territory of Lucerne, but were defeated and driven back with the loss of several hundred men.

April 1. — A great inundation in Germany, caused by the overflow of the principal rivers. Frankfort, Mentz, Dresden, Prague, and many villages were much injured, and a great amount of property was destroyed. The magnificent bridge at Dresden was carried away.

April 7. — An earthquake took place in the city of Mexico, and caused

much damage and some loss of life. Some churches and other public buildings were entirely overthrown and others much injured, and many private houses were destroyed.

April 10.— One of the greatest conflagrations that ever occurred in this country, took place in Pittsburgh, Penn. The fire broke out at noon, in an old frame shed, and the wind blowing a gale at the time, the flames spread over all the southeastern part of the city. About a thousand buildings were burned, among which were the best hotels in the place, banks, churches, &c., and property to the amount of $6,000,000 was destroyed.

May 2.— Several hundred persons having collected on a suspension bridge in Yarmouth, England, to view a comic exhibition on the water, the bridge broke down under their weight, and over 100 individuals were drowned.

May 4.— A fire broke out at noon in the centre of the business part of the town of Portsmouth, N. H., which destroyed a large number of buildings, and property valued at $120,000.

May 11.— A destructive fire took place at the south end in Boston, by which twenty-five or thirty buildings were burnt, and property to the amount of $30,000 destroyed.

May 13.— A great race took place on the Long Island course, for $20,000, between the celebrated mare Fashion, and a Southern mare, called Peytona, in which the latter was victorious.

May 25.— A theatre and about thirty other buildings in Canton, China, were consumed by fire, and the theatre being crowded with spectators at the time, about 1,300 lives were lost.

May 28.— A dreadful fire took place in Quebec, Canada, in which more than 1,500 buildings were consumed, a number of persons lost their lives, and property to the amount of several millions of dollars was destroyed.

June 18.—Joint resolutions passed both Houses of the Texan Congress, by a unanimous vote, giving the consent of that body to the annexation of Texas to the United States.

June 19.— A revolution took place in the Republic of Ecuador, in South America, which was appeased by an arrangement in consequence of which Gen. Flores resigned his office as President of the Republic, his military rank and emoluments being still secured to him.

June 27.— By an act of amnesty passed by the R. I. Legislature, Thomas W. Dorr was liberated from the State Prison, to which he had been sentenced for life, under a conviction for high treason. He is not restored to his civil rights, but can obtain them at any time by taking the oath of allegiance to the State government.

June 28.— A second dreadful fire took place in Quebec, Canada, reducing another third part of the city to ruins. Thirteen hundred dwell-

ings were destroyed, and at least six thousand persons rendered homeless.

July 4. — A convention of delegates of the people of Texas, assembled at Austin, ratified the Act by which that country is finally annexed to the United States.

July 19. — Another destructive fire took place in the city of New York, destroying 302 stores and dwelling houses, and property to the amount of $6,000,000. It broke out in New street, and was widely spread by the explosion of a building, in which a large quantity of saltpetre was stored. Four or five lives were lost.

Aug. 9. — Queen Victoria, with Prince Albert and a large *suite*, embarked for the continent on a visit to the King of Prussia.

Aug. 13. — A serious disturbance took place in Leipsic, Germany, produced by the preaching of the reformer, Ronge, in which Prince John of Saxony was insulted, and before the crowd could be dispersed, the soldiers fired upon them, and killed nine persons, and wounded ten others.

Aug. 27. — Gov. Silas Wright, of New York, issued his proclamation, declaring the county of Delaware to be in a state of insurrection, a great number of tenants opposed to the payment of rent having banded themselves together there, disguised as Indians, and prevented the execution of legal processes, besides murdering an under sheriff, Mr. Steele, while engaged in his official duties.

Sept. 10. — A renewal of the disturbances in the Mormon district of Illinois, a large body of men having collected under arms, with the avowed purpose of driving the whole Mormon fraternity out of the State.

CORRECTIONS AND ADDITIONS.

Page 104.— Denis Prieur, *Collector of Customs* for New Orleans, La., in place of Thomas Barrett. Russell G. Hopkinson, for Alburgh, Vt. in place of A. W. Hyde. Dillon Jordan, for Pensacola, Fa., in place of Robert Mitchell.

Page 105.— Philo F. Barnum, *Postmaster* at Bridgeport, Ct., in place of Isaac Sherman.

Pages 108, 109.— Levi Woodbury, of New Hampshire, Associate Justice of the Supreme Court, in place of Joseph Story. John Fits, Clerk of the District Court for the Southern District of Alabama, in place of D. Files. B. T. Moore, Clerk for the Northern district of Alabama, in place of C. R. Clifton. Horace Bassett, of Indianapolis, Clerk for Indiana, in place of Henry Hurst.

Pages 112–15.— *Consuls in Foreign Countries.* Wm. Crosby, for Talcahuano, Chili, in place of P. H. Delano. John T. Pickett, for Turks' Island, West Indies, in place of J. Morrell. Henry G. Hubbard, for St. John's, Puerto Rico, in place of O. S. Morse.

Pages 116–120.— *Foreign Consuls in the United States.* Of Austria, at New Orleans, for C. J. Hohenburgher, read Cha's C. Holtenburgher. Of England, at Norfolk, Va., Francis Waring; at Charleston, for N. and S. Carolina, Charles D. Wake, in place of W. Ogilly; at New Orleans, William Mure, in place of J. Crawford. Of Hamburgh, at New Orleans, William Vogel, in place of F. W. Schmidt. Of Rome, at New Orleans, Thomas Barrett, in place of Henry Perret. Of Saxony, at New York, Johann W. Schmidt, in place of Ch. Aug. Davis. Of Switzerland, at Louisville, Ky., for Kentucky, Ohio, &c., Nicholas Basler, in place of A. Ott. Of Wurtemburg, at Philadelphia, Frederick Klett.

Page 178.— The Legislature of Maine meets on the 2d Wednesday in *May* instead of January.

Page 179.— The term of office for the Governor of Maine expires in *May* instead of January. Joshua L. Martin, Governor of Alabama, for two years ending Dec. 1847. The number of Senators in Indiana is 50, and of Representatives, 100.

Page 195.— *Representatives in Congress for Maryland:* — 1st Dist. John G. Chapman; 2d. Thomas Perry; 3d. Thomas W. Ligon; 4th. William F. Giles; 5th. Albert Constable; 6th. Edward Long.